



REPUBLIC OF SOUTH AFRICA
GOVERNMENT GAZETTE
STAATSKOERANT
VAN DIE REPUBLIEK VAN SUID-AFRIKA

REGULATION GAZETTE No. 3787

PRICE 40c PRYS

REGULASIEKOERANT No. 3787

Plus GST/AVB

Registered at the Post Office as a Newspaper

ABROAD 50c BUITELANDS

As 'n Nuusblad by die Poskantoor Geregistreer

POST FREE • POSVRY

Vol. 235

PRETORIA, 11 JANUARY 1985
JANUARIE 1985

No. 9556

GOVERNMENT NOTICES

**DEPARTMENT OF HEALTH AND
WELFARE**

No. R. 72 11 January 1985

HAZARDOUS SUBSTANCES ACT, 1973
(ACT 15 OF 1973)

CORRECTION NOTICE

It is hereby notified for general information that Government Notices R. 452 and R. 453 of 25 March 1977 were erroneously duplicated by Government Notices R. 2777 and R. 2778 of 21 December 1984, respectively, and that it was never intended to replace the first-mentioned two Government Notices.

No. R. 73 11 January 1985

HAZARDOUS SUBSTANCES ACT, 1973
(ACT 15 OF 1973)

**REGULATIONS GOVERNING THE CONVEYANCE OF
HAZARDOUS SUBSTANCES BY ROAD TANKER**

The Deputy Minister of Health and Welfare, in terms of section 29 (1) of the Hazardous Substances Act, 1973, read together with section 27 (1) of the Republic of South Africa Constitution Act, 1983, has made the regulations contained in the Schedule hereto.

SCHEDULE

CHAPTER 1

Definitions

1. In these regulations "the Act" shall mean the Hazardous Substances Act, 1973 (Act 15 of 1973), and any expression to which a meaning has been assigned in the Act shall bear such meaning and, unless inconsistent with the context—

(i) "Annexure" shall mean an annexure to these regulations bearing the number specified; (i)

(ii) "consignee" shall mean in relation to any road tanker, the person who receives or takes delivery of a grouped hazardous substance conveyed by road; (xii)

298—A

GOEWERMENSKENNISGEWINGS

**DEPARTEMENT VAN GESONDHEID EN
WELSYN**

No. R. 72 11 Januarie 1985

WET OP GEVAARHOUDENDE STOWWE, 1973
(WET 15 VAN 1973)

VERBETERINGSKENNISGEWING

Daar word hierby vir algemene inligting bekend gemaak dat Goewermenskennisgewings R. 2777 en R. 2778 van 21 Desember 1984, onderskeidelik Goewermenskennisgewings R. 452 en R. 453 van 25 Maart 1977 per abuis gedupliseer het en dat dit nie die bedoeling was om laasgenoemde Goewermenskennisgewings te vervang nie.

No. R. 73 11 Januarie 1985

WET OP GEVAARHOUDENDE STOWWE, 1973
(WET 15 VAN 1973)

**REGULASIES BETREFFENDE DIE VERVOER VAN
GEVAARHOUDENDE STOWWE PER PADTENKWA**

Die Adjunk-minister van Gesondheid en Welsyn het kragtens artikel 29 (1) van die Wet op Gevaarhoudende Stowwe, 1973, saamgelees met artikel 27 (1) van die Grondwet van die Republiek van Suid-Afrika, 1983, die regulasies vervat in die Bylae hiervan uitgevaardig.

BYLAE

HOOFSTUK I

Woordomskrywing

1. In hierdie regulasies beteken "die Wet" die Wet op Gevaarhoudende Stowwe, 1973 (Wet 15 van 1973), en, tensy dit uit die saamhang anders blyk, het 'n uitdrukking waaraan daar in die Wet 'n betekenis geheg is, daardie betekenis, en beteken—

(i) "Aanhangsel" 'n genommerde aanhangsel van hierdie regulasies; (i)

(ii) "afsender", met betrekking tot enige padtenkwa, die persoon wat van 'n padtenkwa gebruik maak vir die vervoer van 'n gegroepeerde gevaarhoudende stof per pad; (iii)

9556—1

(iii) "consignor" shall mean in relation to any road tanker, the person who makes use of such tanker for the conveyance of a grouped hazardous substance by road; (ii)

(iv) "conveyor" shall mean a person, organisation or enterprise engaged in or offering to engage in transportation of a grouped hazardous substance by road; (xviii)

(v) "driver" shall mean a person who drives as well as generally operates a road tanker; (iii)

(vi) "emergency action code", in relation to a grouped hazardous substance, shall mean the code reflected in the third column of Part I of Annexure I opposite the name of the substance and substance identification number in the first and second columns respectively of that Part or, where the substance is also reflected in the first column of Part II of Annexure I, the alternative code reflected in the third column of the said Part II corresponding to the name of the substance and the alternative substance identification number in the first and second columns respectively of that Part (the meanings of the letters and numbers that constitute the codes reflected in Parts I and II of Annexure I being indicated in Part III of that Annexure); (xi)

(vii) "grouped hazardous substance" shall mean a substance, or any mixture thereof, indicated in the first column of Part I of Annexure I and any substance scheduled as a Group I hazardous substance; (v)

(viii) "hazard warning", in relation to a grouped hazardous substance, shall mean the warning reflected in the fourth column of Part I of Annexure I opposite the name of the substance and substance identification number in the first and second columns respectively of that Part; (vii)

(ix) "hazard warning sign" shall mean the sign reflected, in relation to a hazard warning, in Annexure 3; (viii)

(x) "medical practitioner" shall mean a person registered as such in terms of the Medical, Dental and Supplementary Health Service Professions Act, 1974; (vi)

(xi) "multi-load" shall mean a load consisting of—

(a) two or more grouped hazardous substances;

(b) two or more mixtures of hazardous substances; or

(c) any combination of (a) and (b); in the same or separate compartments or tanks (whether or not a substance which is not a grouped hazardous substance is being conveyed at the same time); (ix)

(xii) "multi-load emergency action code" shall mean an emergency action code for a multi-load determined in accordance with Annexure 2; (x)

(xiii) "operator" shall mean the person responsible for the loading, off-loading and transfer of grouped hazardous substances from a distribution depot to a road tanker, from a road tanker to a distribution depot and from one vehicle to another vehicle; (xiii)

(xiv) "road" shall mean a public road as defined in the Road Traffic Ordinances in force in the different Provinces of the Republic of South Africa from time to time; (xii)

(xv) "road tanker" shall mean a goods vehicle which has one or more temporary or permanent tanks or a tank or tanks made up of different compartments with a total capacity of not less than 500 litres, which forms part of or is attached to it, other than a tank used solely for the operation of the vehicle as a means of transport; (xv)

(iii) "bestuurder" 'n persoon wat 'n tenkwa bestuur sowel as in die algemeen bedien; (v)

(iv) "enkelvrag" 'n vraag wat uit slegs een gegroepeerde gevaarhoudende stof bestaan, ongeag of 'n stof wat nie 'n gevaarhoudende stof is nie terselfdertyd in 'n meervragtenkwa vervoer word al dan nie; (xvi)

(v) "gegroepeerde gevaarhoudende stof" 'n stof of mengsel van stowwe aangedui in die eerste kolom van Deel I van Aanhangel 1 en elke stof gelys as 'n groep I gevaarhoudende stof; (vii)

(vi) "geneesheer" iemand wat as sodanig geregistreer is kragtens die Wet op Geneeshere, Tandartse en Aanvullende Gesondheidsdiensberoep, 1974; (x)

(vii) "gevaarwaarskuwing", met betrekking tot 'n gegroepeerde gevaarhoudende stof, die waarskuwing wat in die vierde kolom van Deel I van Aanhangel 1 teenoor die naam en die stofidentifikasienommer in onderskeidelik die eerste en die tweede kolom van daardie Deel aangedui word; (viii)

(viii) "gevaarwaarskuwingsteken" die teken in verband met 'n gevaarwaarskuwing wat in Aanhangel 3 weergegee word; (ix)

(ix) "meervrag" 'n vraag wat bestaan uit—

(a) twee of meer gegroepeerde gevaarhoudende stowwe;

(b) twee of meer mengsels van gevaarhoudende stowwe; of

(c) enige kombinasie van (a) en (b); in dieselfde of afsonderlike kompartemente of tenks, ongeag of 'n stof wat nie 'n gegroepeerde gevaarhoudende stof is nie terselfdertyd vervoer word al dan nie; (xi)

(x) "meervragnoodhandelingskode" 'n noodhandelingskode vir 'n meervrag bepaal ooreenkomstig Aanhangel 2; (xii)

(xi) "noodhandelingskode", met betrekking tot 'n gegroepeerde gevaarhoudende stof, die kode wat in die derde kolom van Deel I van Aanhangel 1 teenoor die naam van die stof en die stof se identifikasienommer in onderskeidelik die eerste en tweede kolom van daardie Deel aangedui word, of, waar die stof ook in die eerste kolom van Deel II van Aanhangel 1 aangedui word, die alternatiewe kode wat in die derde kolom van genoemde Deel II teenoor die naam van die stof en alternatiewe stofidentifikasienommer in onderskeidelik die eerste en tweede kolom van daardie Deel genoem word (die letters en nommers waaruit die kodes in Deel I en II van Aanhangel 1 saamgestel is, se betekenis is soos aangedui in Deel III van die Aanhangel); (vi)

(xii) "ontvanger" met betrekking tot enige padtenkwa, die persoon wat 'n gegroepeerde gevaarhoudende stof wat per pad vervoer is, ontvang of in ontvangs neem; (ii)

(xiii) "operateur" die persoon verantwoordelik vir die oplaai, aflaai en oorplasing van gegroepeerde gevaarhoudende stowwe van 'n verspreidingsdepot af na 'n padtenkwa, van 'n padtenkwa af na 'n verspreidingsdepot en van een voertuig af na 'n ander voertuig; (xiii)

(xiv) "pad" 'n publieke of openbare pad soos omskryf in die padverkeersordonnansies wat van tyd tot tyd in die onderskeie Provinsies van die Republiek van Suid-Afrika van krag is; (xiv)

(xv) "padtenkwa" 'n goederevoertuig wat een of meer tydelike of permanente tenks of 'n tenk of tenks wat uit verskillende kompartemente met 'n totale inhoudsmaat van minstens 500 liter, het, wat deel uitmaak daarvan of daaraan vasgeheg is, met die uitsluiting van 'n tenk wat alleenlik vir die werking van die voertuig as 'n middel van vervoer gebruik word; (xv)

(xvi) "single load" shall mean a load consisting of only one grouped hazardous substance, whether or not a substance which is not a grouped hazardous substance is being conveyed on a multi-load tanker at the same time; (iv)

(xvii) "substance identification number", in relation to a grouped hazardous substance, shall mean the number reflected in column 2 of Part I of Annexure 1 opposite the name of the substance in column 1 of that Part or, where the substance is also reflected in column 1 of Part II of Annexure 1, the alternative substance identification number specified in column 2 of the said Part II corresponding to the name of the substance; (xvi)

(xviii) "tank" shall mean a container having a full capacity of 500 litres or more, used for transporting grouped hazardous substances, and mounted permanently or temporarily on a vehicle other than for the purpose of supplying fuel for propulsion of the vehicle and includes a tank having two or more compartments. (xvii)

CHAPTER 2

Labelling

Prohibition of transport of grouped substances by road tanker unless labelled

2. (1) No person shall transport a grouped hazardous substance on a road by means of a road tanker unless such tanker is labelled as prescribed in these regulations for the conveyance by road of any such substance, except, where such road tanker is being used solely for conveying a grouped hazardous substance from—

(i) another road tanker that has been damaged as a result of an accident occurring on a public road, or has broken down on a public road, or

(ii) a rail truck that has been damaged or derailed or has broken down on a railway track other than a siding on which it was loaded;

and such road tanker is being escorted by a vehicle used for police, traffic police or fire service purposes.

(2) For the purpose of these regulations a road tanker shall be deemed to be used for the conveyance by road of a grouped hazardous substance throughout the period from the commencement of loading for the purpose of conveying the substance by road until the tank or compartment used for that purpose has been cleaned or purged so that it is free from the substance and its vapour, whether or not it is on a road at the material time.

Particulars to be displayed on a road tanker used for the conveyance of a single load

Hazard warning panels

3. (1) A road tanker used for the conveyance by road of a single load shall display hazard warning panels in accordance with regulation 4 and paragraphs 1 to 3 and 5 of Part I, and Part II of Annexure 4.

(2) A hazard warning panel for a single load shall reflect—

(a) the emergency action code for the substance which constitutes the load;

(b) the substance identification number for that substance;

(c) the appropriate hazard warning sign; and

(d) the telephone number or other text indicating where specialist advice can be obtained at all times.

(xvi) "stofidentifikasienommer", met betrekking tot 'n gegroepeerde gevaarhoudende stof, die nommer aangedui in die tweede kolom van Deel I aan Aanhangel 1 teenoor die naam van die stof in die eerste kolom van daardie Deel, of, in 'n geval waar die stof ook in die eerste kolom van Deel II aan Aanhangel 1 aangedui word, die alternatiewe stofidentifikasienommer wat in die tweede kolom van genoemde Deel II teenoor die naam van die stof aangedui word; (xvii)

(xvii) "tenk" 'n houer met 'n vol inhoudsmaat van 500 liter of meer, aangewend vir die vervoer van gegroepeerde gevaarhoudende stowwe, en wat permanent of tydelik aan die voertuig vasgeheg is vir 'n ander doel as om brandstof vir aandrywing aan die voertuig te lewer en sluit 'n tenk met twee of meer kompartemente in; (xviii)

(xviii) "vervoerder" is die persoon, organisasie of onderneming wat onderneem om, of aanbied om te onderneem om gegroepeerde gevaarhoudende stowwe per pad te vervoer. (iv)

HOOFSTUK 2

Etikettering

Verbod op die vervoer van gegroepeerde gevaarhoudende stowwe met 'n padtenkwa tensy dit geëtiketteer is

2. (1) Geen persoon mag 'n gegroepeerde gevaarhoudende stof per padtenkwa per pad vervoer nie tensy sodanige padtenkwa geëtiketteer is soos voorgeskryf in hierdie regulasies vir die vervoer per pad van enige sodanige stof, uitgesonderd waar die padtenkwa uitsluitlik gebruik word vir die vervoer van 'n gegroepeerde gevaarhoudende stof—

(i) van 'n ander padtenkwa af wat as gevolg van 'n ongeluk op 'n pad beskadig is of wat op 'n pad onklaar geraak het, of

(ii) van 'n spoortenkwa of wat beskadig is of ontspoor het of onklaar geraak het op 'n spoorweg wat nie deel uitmaak van 'n sylyn waarop dit gelaai is nie;

en dié padtenkwa deur 'n voertuig van die polisie, verkeerspolisie of brandweerdienste begelei word.

(2) Vir die toepassing van hierdie regulasies word 'n padtenkwa geag gebruik te word vir die vervoer per pad van 'n gegroepeerde gevaarhoudende stof vir die hele tydskuur, van die aanvang van die laaiproses met die doel om daardie stof per pad te vervoer totdat die tenk of kompartement wat vir daardie doel gebruik word, skoongemaak of gereinig is sodat dit vry is van die stof en sy dampe, ongeag of dit vir bedoelde tydperk op 'n pad is al dan nie.

Besonderhede wat vertoon moet word op 'n padtenkwa wat gebruik word om 'n enkelvrag te vervoer

Gevaarwaarskuwingspanele

3. (1) 'n Padtenkwa wat vir die vervoer per pad van 'n enkelvrag gebruik word, moet die gevaarwaarskuwingspanele vertoon ooreenkomstig regulasie 4 en paragrawe 1 tot 3 en 5 van Deel I, en Deel II van Aanhangel 4.

(2) 'n Gevaarwaarskuwingspaneel vir 'n enkelvrag moet die volgende vertoon:

(a) Die noodhandelingskode vir die stof wat die vrag uitmaak;

(b) die stofidentifikasienommer vir die betrokke stof;

(c) die toepaslike gevaarwaarskuwingstekens; en

(d) die telefoonnommer of ander inligting wat moet aangedui waar deskundige advies te alle tye verkry kan word.

(3) In addition to the compulsory particulars set out in subregulation (2) a hazard warning panel may reflect—

(a) the name (or one of the names) of the grouped hazardous substances specified in the first column of Annexure 1 and constituting the load, and, if such name is included, the trade name of the said substance may also be reflected; and

(b) the name of the manufacturer or distributor of the said substance or his trademark or both;

and, if so incorporated, such information shall comply with the provisions of Annexure 4.

Composition, position, maintenance and removal of hazard warning panels for single loads

4. (1) The hazard warning panels provided in accordance with regulation 3 (1) shall be three in number, one at the rear of the road tanker and one on either side of such tanker.

(2) Each such hazard warning panel shall be—

(a) weather-resistant and indelibly marked on one side only in accordance with the specification in paragraphs 1 to 3 of Part I and in Part II of Annexure 4;

(b) either rigid or fixed or attached so as to become rigid;

(c) in the case of a side panel, securely attached in a substantially vertical plane to the tank or to the vehicle either directly or by means of a suitable frame, with—

(i) its forward edge as close as is practicable to the front of the tank but no further than one meter distant from its front; and

(ii) its lower edge at least one metre from ground level;

(d) in the case of a rear panel, securely attached—

(i) in a substantially vertical plane to the tank or to the vehicle either directly or by means of a suitable frame or, where the construction of a vehicle is such that this is not practicable, in some other manner so as to be clearly visible; and

(ii) with its lower edge at least one metre from ground level;

(e) kept clean and free from obstruction, except that a rear panel may be mounted behind a ladder of light construction which does not prevent the information thereon from being easily read.

(3) Where a road tanker has had its tank emptied and cleaned or purged so as to be free from the grouped hazardous substance or its vapour, the operator shall ensure that all hazard warning panels are either—

(a) completely covered or completely removed; or

(b) partly covered or partly removed so as to leave visible only the telephone number or other text required by regulation 3 (2) (d).

Particulars to be displayed on a road tanker used for the conveyance of a multi-load

Hazard warning panels

5. (1) A road tanker used for the conveyance by road of a multi-load shall, subject to regulation 7, display hazard warning panels in accordance with regulation 8 and paragraphs 1, 2, 4 and 5 of Part I, and Part II of Annexure 4.

(3) Benewens die verpligte besonderhede voorgeskryf in subregulasie (2), kan die gevaarwaarskuwingspaneel die volgende vertoon:

(a) Die naam (of een van die name) van die gegroepeerde gevaarhoudende stof soos aangedui in die eerste kolom van Aanhangsel 1 wat die vraag uitmaak en, indien die naam bygevoeg is, kan die handelsnaam van die stof ook vertoon word; en

(b) die naam van die vervaardiger of verspreider van die stof of sy handelsmerk of beide;

en indien dit aldus bygevoeg word, moet sodanige inligting aan die voorwaardes van Aanhangsel 4 voldoen.

Samestelling, posisie, onderhoud en verwydering van gevaarwaarskuwingspanele by enkelvragte

4. (1) Die gevaarwaarskuwingspanele wat ooreenkomstig regulasie 3 (1) aangebring word, moet uit altesaam drie bestaan—een aan die agterkant van die padtenkwa en een aan elke sykant daarvan.

(2) Elke sodanige gevaarwaarskuwingspaneel moet—

(a) weerbestand wees en onuitwisbaar aan slegs een kant gemerk wees ooreenkomstig die spesifikasie in paragrawe 1 tot 3 van Deel I en in Deel II van Aanhangsel 4;

(b) of onbuigsaam wees of sodanig vasgeheg word dat dit onbuigsaam word;

(c) in die geval van 'n sypaneel, stewig aan die tenk of aan die voertuig vasgeheg wees op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, met—

(i) die voorste sykant so na as doenlik aan maar nie verder as 1 meter van die voorkant van die tenk af nie; en

(ii) die onderste sykant ten minste een meter bo grondhoogte;

(d) in die geval van 'n agterpaneel, stewig aan die tenk of aan die voertuig vasgeheg wees—

(i) op 'n wesentlike vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, of, waar die voertuig se konstruksie dit nie toelaat nie, op 'n ander wyse sodat dit duidelik sigbaar is; en

(ii) met die onderste sykant ten minste een meter bo grondhoogte;

(e) skoongehou word en onversper wees, met die uitsondering dat 'n agterpaneel agter 'n leer van 'n ligte konstruksie wat nie die lees van die inligting daarop bemlemmer nie, gemonteer kan word.

(3) Nadat 'n padtenkwa se tenk leeggemaak en skoongemaak of gereinig is sodat dit vry is van die gegroepeerde gevaarhoudende stof of van die dampe daarvan moet die operateur sorg dat die gevaarwaarskuwingspanele—

(a) of geheel en al bedek of geheel en al verwyder word; of

(b) of gedeeltelik bedek of gedeeltelik verwyder word sodat slegs die telefoonnommer of ander teks vereis by regulasie 3 (2) (d) sigbaar is.

Besonderhede wat op tenkwaens vertoon moet word wat gebruik word vir die vervoer van meervragte

Gevaarwaarskuwingspanele

5. (1) 'n Padtenkwa wat vir die vervoer per pad van 'n meervrag gebruik word, moet, behoudens regulasie 7, die gevaarwaarskuwingspanele vertoon ooreenkomstig regulasie 8 en paragrawe 1, 2, 4 en 5 van Deel I, en Deel II van Aanhangsel 4.

(2) A hazard warning panel for a multi-load shall reflect—

- (a) the appropriate multi-load emergency action code;
- (b) the word "multi-load";
- (c) the appropriate hazard warning sign; and
- (d) the telephone number or other text indicating where specialist advice can be obtained at all times.

(3) In addition to the compulsory particulars set out in subregulation (2), a hazard warning panel for a multi-load may reflect the name of the manufacturer or distributor of the substance or his trademark or both, and if so incorporated shall comply with the provisions of Annexure 4.

Compartment labels

6. (1) In addition to the requirements of regulation 5, each tank on, or compartment of a tank on, the vehicle containing a grouped hazardous substance and conveying a multi-load shall be labelled with compartment labels in accordance with regulation 8 and paragraphs 5 to 9 of Part I, and Part II of Annexure 4.

(2) A compartment label for a multi-load shall reflect—

(a) the appropriate substance identification number for the substance and, if desired, the name (or one of the names) of the substance as specified in column 1 of Part I of Annexure 1 and, if that name is included, the trade name of the substance may also be reflected; and

(b) where any other tank or compartment contains a grouped hazardous substance of a different hazard, the appropriate hazard warning sign.

Exception in respect of a road tanker treated as conveying a single load

7. Where by virtue of paragraph 4 of Annexure 2 a road tanker is being treated as conveying a single load, regulations 5, 6 and 8 shall not apply, but regulations 3 and 4 shall apply: Provided that the substance identification number and the emergency action code shall be ascertained from the said paragraph 4.

Composition, position, maintenance and removal of hazard warning panels and compartment labels for multi-loads

8. (1) The hazard warning panels provided in accordance with regulation 5 (1) shall be three in number, one at the rear of the road tanker and one on either side of such tanker.

(2) Each such hazard warning panel shall be—

(a) weather-resistant and indelibly marked, on one side only, in accordance with the specification in paragraphs 1, 2 and 4 of Part I, and Part II of Annexure 4;

(b) either rigid or fixed or attached so as to become rigid;

(c) in the case of a side panel, securely attached in a substantially vertical plane to the tank or to the vehicle either directly or by means of a suitable frame with—

(i) its forward edge as close as is practicable to the front of the tank; and

(ii) its lower edge at least one metre from the ground;

(d) in the case of a rear panel, securely attached to the tank or to the vehicle—

(i) in a substantially vertical plane, either directly or by means of a suitable frame or, where the construction of the vehicle is such that this is not practicable, in such other manner as to be clearly visible; and

(2) 'n Gevaarwaarskuwingspaneel vir 'n meervrag moet die volgende besonderhede vertoon:

(a) Die toepaslike noodhandelingskode vir die meervrag;

(b) die woord "meervrag";

(c) die toepaslike gevaarwaarskuwingsteken; en

(d) die telefoonnommer of ander inligting wat moet aandui waar deskundige advies te alle tye verkry kan word.

(3) Benewens die verpligte besonderhede voorgeskryf in subregulasie (2), kan die gevaarwaarskuwingspaneel die naam van die vervaardiger of verspreider van die stof of sy handelsmerk of beide vertoon, en indien dit aldus bygevoeg word, moet sodanige inligting aan die bepalings van Aanhangsel 4 voldoen.

Kompartement-etikette

6. (1) Aanvullend by die bepalings van regulasie 5 moet elke tenk, of kompartement van 'n teken, bo-op die voertuig wat 'n gegroepeerde gevaarhoudende stof bevat en 'n meervrag vervoer, geëtiketteer word met kompartement-etikette ooreenkomstig regulasie 8 en paragrawe 5 tot 9 van Deel I, en Deel II van Aanhangsel 4.

(2) 'n Kompartement-etiket vir 'n meervrag moet die volgende vertoon:

(a) Die toepaslike stofidentifikasienommer vir die stof en, indien dit verlang word, die naam (of een van die name) van die stof soos gespesifiseer in die eerste kolom van Deel I van Aanhangsel 1, en indien dié naam ingesluit word, kan die handelsnaam van die stof ook vertoon word; en

(b) indien 'n ander tenk of kompartement 'n gegroepeerde gevaarhoudende stof bevat wat 'n ander gevaar inhou, die toepaslike gevaarwaarskuwingsteken.

Uitsondering in geval van 'n padtenkwa wat geag word 'n enkelvrag te vervoer

7. Indien 'n padtenkwa ooreenkomstig paragraaf 4 van Aanhangsel 2 geag word 'n enkelvrag te vervoer, is regulasies 5, 6 en 8 nie van toepassing nie, maar is regulasies 3 en 4 van toepassing: Met dien verstande dat die stofidentifikasienommer en die noodhandelingskode ooreenkomstig genoemde paragraaf 4 bepaal word.

Samestelling, plek, onderhoud en verwydering van gevaarwaarskuwingspanele en kompartement-etikette vir meervragte

8. (1) Die gevaarwaarskuwingspanele wat ooreenkomstig regulasie 5 (1) aangebring word, moet uit altesaam drie bestaan—een aan die agterkant van die padtenkwa en een aan elke sykant daarvan.

(2) Elke sodanige gevaarwaarskuwingspaneel moet—

(a) weerbestand wees en onuitwisbaar aan slegs een kant gemerk wees ooreenkomstig die spesifikasie in paragrawe 1, 2 en 4 van Deel I en in Deel II van Aanhangsel 4;

(b) of onbuigsaam wees of sodanig vasgeheg word dat dit onbuigsaam word;

(c) in die geval van 'n sypaneel, stewig aan die tenk of aan die voertuig vasgeheg wees op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, met—

(i) die voorste sykant so na as doenlik aan die voorkant van die tenk; en

(ii) die onderste sykant ten minste een meter bo grondhoogte;

(d) in die geval van 'n agterpaneel, stewig aan die tenk of aan die voertuig vasgeheg wees—

(i) op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam. of, indien die voertuig se konstruksie dit nie toelaat nie, op 'n ander wyse sodat dit duidelik sigbaar is; en

(ii) with its lower edge at least one metre from ground level.

(3) The compartment labels provided in accordance with subregulation (1) shall be two in number, one on either side of the vehicle, and each such label shall be—

(a) weather-resistant and indelibly marked, on one side only, in accordance with the specification in paragraphs 6 to 9 of Part I, and Part II of Annexure 4;

(b) either rigid or fixed or attached so as to become rigid; and

(c) securely attached to the tank or to the vehicle in a substantially vertical plane either directly or by means of a suitable frame as close as is practicable to a position midway between the front and the rear of the compartment or tank.

(4) Hazard warning panels and compartment labels shall be kept clean and free from obstruction, except that a rear panel may be mounted behind a ladder of light construction which does not prevent the information thereon from being easily read.

(5) Where a road tanker—

(a) has had one or more of its compartments, or in the case of separate tanks, one or more of its tanks, emptied and cleaned or purged so as to be free from a grouped hazardous substance or its vapour, the operator shall ensure that—

(i) the compartment label referring to such compartment or tank is completely covered or completely removed; and

(ii) the hazard warning panels are changed to those appropriate for the load being carried at the time, whether that load is a single or a multi-load;

(b) has had all its compartments or tanks emptied and cleaned or purged so as to be free from any grouped hazardous substance or its vapour the operator shall ensure that the hazard warning panels are either—

(i) completely covered or completely removed; or

(ii) partly covered or partly removed so as to leave visible only the telephone number or other approved text required by regulation 5 (2) (d).

CHAPTER 3

General

Duty of the consignor of a grouped hazardous substance

9. The consignor of any grouped hazardous substance not being the conveyor himself and requiring such substance to be conveyed by road shall ensure that the conveyor has such information as is necessary to enable him to prepare the appropriate hazard warning panels and compartment labels in accordance with these regulations.

Duties of a conveyor

10. The conveyor of a grouped hazardous substance by road tanker shall ensure—

(a) that the driver of such road tanker, before he operates such road tanker on a road—

(i) is in possession of a legally valid driver's licence as well as any other legally valid permit, document or other valid permit pertaining to such vehicle and issued by any

(ii) met die onderste sykant ten minste een meter bo grondhoogte;

(3) Die kompartement-etiket wat ooreenkomstig subregulasie (1) aangebring word, moet uit altesaam twee bestaan—een aan elke sykant van die voertuig—en elke sodanige etiket moet—

(a) weerbestand wees en onuitwisbaar aan slegs een kant gemerk wees ooreenkomstig die spesifikasie in paragrawe 6 tot 9 van Deel I en in Deel II van Aanhangsel 4;

(b) of onbuigsaam wees of sodanig vasgeheg word sodat dit onbuigsaam word; en

(c) stewig aan die tenk of aan die voertuig vasgeheg wees op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n raam so naby doenlik aan 'n posisie halfpad tussen die voor- en agterkant van die kompartement of tenk.

(4) Gevaarwaarskuwingspanele en kompartement-etikette moet skoon en onversper gehou word, met die uitsondering dat 'n agterpaneel agter 'n leer van ligte konstruksie wat nie die lees van die inligting daarop belemmer nie, gemonteer kan word.

(5) Nadat—

(a) een of meer van die kompartemente van 'n padtenkwa, of in die geval van afsonderlike tenks, een of meer van die tenks leeggemaak en skoongemaak of gereinig is sodat dit vry is van 'n gegroepeerde gevaarhoudende stof of van die damp daarvan, moet die operateur sorg dat—

(i) die kompartement-etiket wat na sodanige gereinigde kompartement of tenk verwys, geheel en al bedek of geheel en al verwyder word; en

(ii) die gevaarwaarskuwingspanele verwissel word met toepaslikes vir die vraag wat dan vervoer sal word, of sodanige vraag ook al 'n enkelvraag of 'n meervraag is;

(b) alle kompartemente of tenks van 'n padtenkwa leeggemaak en skoongemaak of gereinig is sodat dit vry is van 'n gegroepeerde gevaarhoudende stof of die dampe daarvan, moet die operateur sorg dat die gevaarwaarskuwingspanele—

(i) of geheel en al bedek of geheel en al verwyder word; of

(ii) of gedeeltelik bedek of gedeeltelik verwyder word sodat slegs die telefoonnommer of ander goedgekeurde teks vereis deur regulasie 5 (2) (d) sigbaar is.

HOOFTUK 3

Algemeen

Pligte van die afsender van 'n gegroepeerde gevaarhoudende stof

9. Die afsender van 'n gegroepeerde gevaarhoudende stof wat nie self die vervoerder is nie en wat vereis dat sodanige stof per pad vervoer word, moet sorg dat die vervoerder oor die nodige inligting beskik om hom in staat te stel om die toepaslike gevaarwaarskuwingspanele en kompartement-etikette ooreenkomstig hierdie regulasies voor te berei.

Pligte van die vervoerder

10. Die vervoerder van 'n gegroepeerde gevaarhoudende stof per padtenkwa moet seker maak—

(a) dat die bestuurder van sodanige padtenkwa, alvorens hy die padtenkwa op 'n pad bestuur—

(i) in besit is van 'n geldige rybewys sowel as enige ander wetsgeldige permit, dokument of enige ander geldige permit wat op sodanige voertuig betrekking het en wat uitgereik is deur 'n bevoegde instansie binne die

competent authority in the Republic and/or other territories as prescribed in the Road Traffic Ordinance concerned, and in terms of any law applicable to the issuing of such licence, document or other valid permit authorising such driver to operate such road tanker on a road;

(ii) has, during the period of 12 months preceding the date on which operation of such road tanker is undertaken, been declared by a medical practitioner to be medically and mentally fit to drive and operate such road tanker: Provided that such examination shall, apart from the annual examination contemplated in this subregulation, also be conducted after such driver has recovered from any illness that may have resulted in his being medically or mentally unfit to drive or to operate such road tanker;

(iii) is familiar with and in possession of—

(aa) a copy of these regulations and any amendment thereof;

(bb) a transport emergency card (Trem card) as shown in Part II of Annexure 5;

(cc) a scalecard as shown in Part I of Annexure 5; and

(dd) a medical and driver training certificate as illustrated in Part III of Annexure 5;

(iv) has received—

(aa) a manual pertaining to these regulations as well as to all aspects concerning the safe handling of all grouped hazardous substances; and

(bb) practical training with regard to the safe handling of a road tanker conveying a grouped hazardous substance and action and steps to be taken where an accident or breakdown of such tanker occurs in transit;

(b) that an accident report as indicated in Annexure 6 be completed and forwarded to the Department of Transport in the event of spillage, fire or injury where a road tanker transporting a grouped hazardous substance is involved in an accident.

Duties of the driver of a road tanker

11. The driver of a road tanker which is being used for the conveyance by road of a grouped hazardous substance shall ensure that—

(a) during operation of such tanker on a road all hazard warning panels, compartment labels, trem cards, a scalecard and a copy of these regulations are fitted, displayed or kept to hand as the case may be on or in such tanker as required by these regulations and that such hazard warning panels and compartment labels are kept clean and legible and, subject to regulation 4 (2), free from obstruction from the time a grouped hazardous substance is loaded into such tanker until such substance is off-loaded at its point of destination; displayed or kept to hand as the case may be on or in such tanker as required by these regulations and that such hazard warning panels and compartment labels are kept clean and legible and, subject to regulation 4 (2), free from obstruction from the time a grouped hazardous substance is loaded into such tanker until such substance is off-loaded at its point of destination;

(b) he has been examined in terms of regulation 10 (a) (ii);

(c) he has his driver's licence, permit or other documents mentioned in regulation 10 (a) (i) readily available on his person or in such tanker for inspection purposes;

(d) he notifies in terms of regulation 10 (iv) (bb), an accident without any delay; and

(e) he forwards, in terms of regulation 10 (b), an accident report to the Department of Transport within 30 days.

Republiek en/of enige ander gebied voorgeskryf by die betrokke Padverkeersordonnansie, en kragtens enige toepaslike wet ingevolge waarvan die lisensie, permit, dokument of enige ander geldige permit die bestuurder magtig om sodanige padtenkwa op 'n pad te bedien;

(ii) binne die tydperk van 12 maande wat die datum waarop die bediening van sodanige padtenkwa onderneem word direk voorafgaan, deur 'n geneesheer geneeskundig en geestelik geskik bevind is om sodanige padtenkwa te bestuur en te bedien: Met dien verstande dat sodanige geneeskundige ondersoek, afgesien van die jaarlikse mediese ondersoek in hierdie subregulasie bedoel, ook uitgevoer word nadat sodanige bestuurder herstel het van 'n siekte wat hom geneeskundig of geestelik ongeskik gemaak het om 'n sodanige padtenkwa te bestuur of te bedien;

(iii) vertrou is met en in besit is van—

(aa) 'n afskrif van hierdie regulasies en alle wysigings daarvan;

(bb) 'n vervoernoodkaart soos uiteengesit in Deel II van Aanhangsel 5;

(cc) 'n skaalkaart soos uiteengesit in Deel I van Aanhangsel 5; en

(dd) 'n mediese en bestuurdersopleidingsertifikaat soos getoon in Deel III van Aanhangsel 5;

(iv) die volgende ontvang het:

(aa) 'n handleiding wat betrekking het op hierdie regulasies sowel as op alle aspekte van die veilige hantering van gegroepeerde gevaarhoudende stowwe; en

(bb) praktiese opleiding met betrekking tot die veilige hantering van 'n padtenkwa wat 'n gegroepeerde gevaarhoudende stof vervoer en die nodige optrede en stappe wat gedoen moet word in geval van 'n ongeluk of onklaarraking van 'n padtenkwa tydens die vervoer;

(b) dat 'n ongeluksverslagvorm soos uiteengesit in Aanhangsel 6 ingevul en aan die Departement van Vervoer gestuur word indien daar 'n storting, brand of beseering sou ontstaan wanneer 'n padtenkwa wat 'n gegroepeerde gevaarhoudende stof vervoer, in 'n ongeluk betrokke raak.

Pligte van die bestuurder van 'n padtenkwa

11. Die bestuurder van 'n padtenkwa wat vir die vervoer per pad van 'n gegroepeerde gevaarhoudende stof gebruik word, moet seker maak dat—

(a) alle gevaarwaarskuwingspaneel, kompartement-etiket, vervoernoodkaarte, 'n skaalkaart en 'n afskrif van hierdie regulasies tydens die bediening van sodanige padtenkwa op die pad aan die padtenkwa vasgeheg is of vertoon word of byderhand is, na gelang van die geval, soos vereis deur hierdie regulasies, en dat sodanige gevaarwaarskuwingspaneel en kompartement-etiket skoon en leesbaar is en ingevolge regulasies 4 (2) onversper gehou word van die tydperk of dat die gegroepeerde gevaarhoudende stof in sodanige padtenkwa gelaai word totdat die eindbestemming bereik is en sodanige stof afgelaai is;

(b) hy ingevolge regulasie 10 (a) (ii) ondersoek is;

(c) hy sy bestuurderslisensie, permit of ander dokument bedoel in regulasie 10 (a) (i) vir inspeksiedoeleindes by hom persoonlik of in sodanige padtenkwa beskikbaar het;

(d) hy ingevolge regulasie 10 (iv) (bb) 'n ongeluk onverwyld aanmeld; en

(e) hy ingevolge regulasie 10 (b) 'n ongeluksverslag binne 30 dae aan die Departement van Vervoer besorg.

Duties of the operator

12. The operator is responsible for the safe loading, off-loading and transfer of grouped hazardous substances and shall ensure that—

(a) the substance to be loaded, off-loaded or transferred corresponds to the particulars displayed on the road tanker;

(b) no spillage occurs, or if a spillage does occur, it is dealt with in accordance with standing safety rules of the firm or company as reflected on the Transport Emergency Card (Trem card); and

(c) if no one is available to assume the duties of an operator, the consignor and/or consignee shall assume full responsibility in terms of regulation 12.

Penalties

13. Any person who contravenes or fails to comply with any provision of these regulations shall be guilty of an offence and liable—

(a) on a first conviction, to a fine not exceeding R500 or to imprisonment for a period not exceeding six months or to both such fine and such imprisonment;

(b) on a second conviction, to a fine not exceeding R1 000 or to imprisonment for a period not exceeding 12 months or to both such fine and such imprisonment; and

(c) on a third or subsequent conviction, to a fine not exceeding R2 000 or to imprisonment for a period not exceeding 24 months or to both such fine and such imprisonment.

Date of commencement

14. These regulations may be applied from the date of publication hereof but shall be applied from the date six months after the date of publication, except in the case of regulations 9; 10 (a) (i), (iii) (bb) and (cc), (iv) (bb), (b); 11 (c), (d) and (e); and 12 which shall become effective on the day of publication.

Pligte van operateur

12. Die operateur is verantwoordelik vir die veilige laai, aflaai en oorpasing van gegroepeerde gevaarhoudende stowwe en moet seker maak dat—

(a) die stof wat gelaai, afgelaai of oorgeplaas word, ooreenstem met die besonderhede wat op die padtenkwa vertoon word;

(b) geen storting plaasvind nie, of indien storting wel plaasvind, dat die situasie hanteer word ooreenkomstig die bestaande beveiligingsreëls van die firma of maatskappy soos dit op die Vervoernoodkaart (Tremkaart) verskyn; en

(c) indien 'n persoon nie beskikbaar is om die verantwoordelikhede van 'n operateur te aanvaar nie, dan sal die afsender en/of ontvanger volle verantwoordelikheid aanvaar ingevolge regulasie 12.

Strafbepalings

13. Enigeen wat 'n bepaling van hierdie regulasies oortree of versuim om daaraan te voldoen, maak hom aan 'n misdryf skuldig en is—

(a) by 'n eerste skuldigbevinding strafbaar met 'n boete van hoogstens R500 of met gevangenisstraf vir 'n tydperk van hoogstens ses maande of met sodanige boete sowel as sodanige gevangenisstraf;

(b) by 'n tweede skuldigbevinding strafbaar met 'n boete van hoogstens R1 000 of met gevangenisstraf vir 'n tydperk van hoogstens 12 maande of met sodanige boete sowel as sodanige gevangenisstraf; en

(c) by 'n derde of daaropvolgende skuldigbevinding, strafbaar met 'n boete van hoogstens R2 000 of met gevangenisstraf vir 'n tydperk van hoogstens 24 maande of met sodanige boete sowel as sodanige gevangenisstraf.

Datum van inwerkingtreding

14. Hierdie regulasies kan vanaf die datum van afkondiging hiervan toegepas word, maar is van toepassing vanaf die datum ses maande na die datum van afkondiging, behalwe in die geval van regulasies 9; 10 (a) (i), (iii) (bb) en (cc), (iv) (bb), (b); 11 (c), (d) en (e); en 12 wat op die datum van afkondiging in werking tree.

ANNEXURE 1**PART I**

In this Part, "N.O.S." where it appears in the first column shall mean "not otherwise specified", and the entries in the third column shall be interpreted in accordance with Part III.

Where a letter in column 3 appears in a square ☐ it must be regarded as a white letter on a black background and column 3 shall be interpreted in accordance with Part III.

Name of substance	Substance identification number	Emergency action code	Hazard warning
Acetal.....	1088	3 ☒ Y E	Flammable liquid
Acetaldehyde (aldehyde).....	1089	2 Y E	Flammable liquid
Acetaldehyde ammonia.....	1841	1 Y	Other hazardous substance
Acetic anhydride.....	1715	2 P	Corrosive substance
Acetone.....	1090	2 ☒ Y E	Flammable liquid
Acetone cyanohydrin.....	1541	2 X E	Toxic substance
Acetyl bromide.....	1716	4 W E	Corrosive substance
Acetyl chloride.....	1717	4 W E	Corrosive substance
Acetylene, dissolved.....	1001	2 ☒ S E	Flammable gas
Acetyl iodide.....	1898	2 R	Corrosive substance
Acid butyl phosphate.....	1718	2 X	Corrosive substance
Acid mixtures, hydrofluoric and sulphuric.....	1786	4 W E	Corrosive substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Acid mixtures, nitrating acid	1796	4 W E	Corrosive substances
Acid mixtures (nitrating acid) spent, free from explosives	1826	2 P	Corrosive substances
Acrolein (acraldehyde), inhibited	1092	2 W E	Flammable liquid
Acrolein Dimer, stabilised (2-formyl-3,4-dihydro-2H-pyran)	2607	2 S	Flammable liquid
Acrylamide	2074	2 P E	Toxic substance
Acrylic acid, inhibited	2218	2 P	Corrosive substance
Acrylonitrile, inhibited	1093	3 W E	Flammable liquid
Adiponitrile (1,4-dicyanobutane; tetramethylene cyanide)	2205	3 X	Toxic substance
Air, compressed	1002	2 T	Non-flammable compressed gas
Air, refrigerated, liquid	1003	2 P	Non-flammable compressed gas
Alcohol, denatured (methylated spirit)	1095	3 S E	Flammable liquid
Alcohol, industrial	1096	3 S E	Flammable liquid
Alkyl, aryl and toluene sulphuric acids, liquid, gelling, containing not more than 5 % of free sulphuric acid	2586	2 X	Corrosive substances
Alkyl, aryl and toluene sulphuric acids, liquid, non-gelling, containing not more than 5 % of free sulphuric acid	2586	2 R	Corrosive substances
Allyl acetate	2333	3 W E	Flammable liquid
Allyl alcohol	1098	2 P E	Flammable liquid
Allylamine	2334	2 W E	Flammable liquid
Allyl bromide	1099	2 W E	Flammable liquid
Allyl chloride (3-chloropropene)	1100	3 W E	Flammable liquid
Allyl chloroformate	1722	2 W E	Corrosive substance
Allyl formate	2336	3 W E	Flammable liquid
Allyl glycidyl ether	2219	2 S	Flammable liquid
Allyl iodide	1723	2 W E	Corrosive substance
Allyl trichlorosilane, stabilised	1724	4 W E	Corrosive substance
alpha-Chloropropionic acid	2511	2 R	Corrosive substance
alpha-Pinene	2368	3 Y	Corrosive substance
alpha-Methyl valeraldehyde	2367	3 Y E	Flammable liquid
Aluminium bromide, anhydrous	1725	4 X	Corrosive substance
Aluminium chloride, anhydrous	1726	4 X	Corrosive substance
Aluminium triethyl	1102	4 W E	Substance liable to spontaneous combustion
Aluminium trimethyl	1103	4 W E	Substance liable to spontaneous combustion
Ammonia, anhydrous, liquefied and ammonia solutions having a density (specific gravity) of less than 0,880 at 15 °C in water, containing over 50 % ammonia	1005	2 P E	Toxic gas
Ammonia solutions containing more than 10 % but not more than 35 % ammonia and having a specific gravity at 15 °C from 0,957 to 0,880 in water	2672	2 P	Toxic substances
Ammonia solutions having a density (specific gravity) of less than 0,880 at 15 °C in water, containing more than 35 % but not more than 50 % ammonia	2073	2 P E	Non-flammable compressed gas
Ammonium nitrate, containing not more than 0,2 % of combustible substances, including any organic substances calculated as carbon, to the exclusion of any other added substance	1942	1 S	Oxidising substance other than an organic peroxide
Ammonium nitrate liquid (hot concentrated solution)	2426	1 P	Oxidising substance other than an organic peroxide
Amyl acetate	1104	3 Y	Flammable liquid
Amyl alcohols (primary and secondary)	1105	3 Y	Flammable liquid
Amyl alcohol, tertiary (2-Methyl butan-2-ol)	1105	2 S E	Flammable liquid
Amylamine	1106	2 P E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Amyl chloride	1107	3 Y E	Flammable liquid
Amylene, normal (1-Pentene)	1108	3 Y E	Flammable liquid
Amyl formate	1109	3 Y	Flammable liquid
Amyl mercaptan	1111	3 W E	Flammable liquid
Amyl methyl ketone (methyl amyl ketone)	1110	3 Y	Flammable liquid
Amyl nitrate	1112	3 Y	Flammable liquid
Amyl nitrite	1113	3 Y E	Flammable liquid
Amyltrichlorosilane	1728	4 X E	Corrosive substance
Aniline (Aniline oil, phenylamine, aminobenzene)	1547	3 X	Toxic substance
Anisole	2222	3 Y	Flammable liquid
Anisoyl chloride	1729	2 X	Corrosive substance
Antimony pentachloride (Antimony perchloride), liquid	1730	4 X	Corrosive substances
Antimony pentafluoride	1732	4 W E	Corrosive substance
Antimony pentachloride (Antimony perchloride), liquid	1730	4 X	Corrosive substance
Antimony trichloride (Antimonious chloride, caustic antimony, butter of antimony, mineral butter)	1733	4 W E	Corrosive substance
Argon, compressed	1006	2 T	Non-flammable compressed gas
Argon, refrigerated liquid	1951	2 R E	Non-flammable compressed gas
Arsenic acid, liquid	1553	2 X	Toxic substance
Arsine (Hydrogen arsenide)	2188	2 P E	Toxic gas
Battery fluid (electrolyte)	1735	2 R	Corrosive substance
Benzaldehyde	1990	3 Z	Flammable liquid
Benzene (Benzol)	1114	3 W E	Flammable liquid
Benzene thiol (thiophenol)	2337	3 W E	Flammable liquid
Benzine	1115	3 W E	Flammable liquid
Benzotrichloride	2226	2 X	Toxic substance
Benzotrifluoride	2338	2 Y E	Flammable liquid
Benzoyl chloride	1736	2 X	Corrosive substance
Benzyl bromide	1737	2 X	Corrosive substance
Benzyl chloride	1738	2 W	Toxic substance
Boron trichloride	1741	4 W E	Toxic gas
Boron trifluoride	1008	4 W E	Toxic gas
Boron trifluoride acid complex	1742	2 W E	Corrosive substance
Boron trifluoride diethyl etherate	2604	4 W E	Flammable liquid
Brake fluid, hydraulic	1118	3 Y	Flammable liquid
Bromine and solutions of bromine	1744	2 X E	Corrosive substances
Bromine pentafluoride	1745	4 W E	Corrosive substance
Bromine trifluoride	1746	4 W E	Corrosive substance
Bromoacetic acid	1938	2 R	Corrosive substance
Bromoacetyl bromide	2513	4 W E	Corrosive substance
Bromobenzene	2514	2 Z	Flammable liquid
2-Bromobutane	2339	2 Y E	Flammable liquid
Bromopropanes (isopropyl bromide)	2344	2 Y E	Flammable liquid
Bromotrifluorethylene	2419	2 X E	Non-flammable compressed gas
Bromotrifluoromethane	1009	2 R E	Non-flammable compressed gas
Butadiene, inhibited	1010	2 W E	Flammable gas
Butanedione	2346	2 S	Flammable liquid
Butane or butane mixtures	1011	2 W E	Flammable gas

Name of substance	Substance identification number	Emergency action code	Hazard warning
Butane-1-Thiol	2347	3 W E	Flammable liquid
Butanol (Butyl alcohol)	1120	3 Y	Flammable liquid
Secondary Butanol (Secondary Butyl alcohol)	1121	2 S	Flammable liquid
Tertiary Butanol (Tertiary Butyl alcohol)	1122	2 S E	Flammable liquid
Butyl acetate, normal	1123	3 Y E	Flammable liquid
Secondary Butyl acetate	1124	3 Y E	Flammable liquid
Butylacrylate	2348	3 Y	Flammable liquid
Butylamine, normal	1125	2 W E	Flammable liquid
Butyl Benzene (2-Methyl-2-Phenylpropane 1-Phenylbutane: 2-Phenylbutane)	2709	3 Y	Flammable liquid
Butyl bromide, normal	1126	2 Y E	Flammable liquid
Butylene (Butene)	1012	2 W E	Flammable gas
Butyl formate, normal	1128	3 Y E	Flammable liquid
n-Butyl methacrylate	2227	3 Y	Flammable liquid
Butyl nitrite	2351	3 Y E	Flammable liquid
n-Butyl peroxydicarbonate, maximum concentration 52 % in solution	2169	2 W E	Flammable liquid
Butyl Toluences (p-tert-Butyl Toluene)	2667	3 Z	Toxic substances
Butyltrichlorosilane	1747	4 W E	Corrosive substances
Butyl vinyl ether	2352	3 Y E	Flammable liquid
Butyraldehyde	1129	3 W E	Flammable liquid
Butyronitrile	2411	3 W E	Flammable liquid
Butyryl chloride	2353	2 P E	Flammable liquid
Caesium hydroxide	2682	2 R	Corrosive substance
Caesium hydroxide solution	2681	2 R	Corrosive substance
Calcium carbide (carbide of calcium)	1402	4 Y	Substance which, in contact with water, emits a flammable gas
Calcium hypochlorite, dry, including mixtures containing more than 39 % available chlorine (8,8 % available oxygen)	1748	2 P E	Oxidising substance other than an organic peroxide
Calcium nitrate	1454	1 T	Oxidising substance other than an organic peroxide
Camphor oil	1130	3 Y	Flammable liquid
Carbamate pesticides (Compounds and preparations), liquid, toxic, N.O.S. flash point below 32 °C, water immiscible	2758	3 W E	Toxic substances
Carbamate pesticides (Compounds and preparations), liquid, toxic, N.O.S. flash point below 32 °C, water miscible, including CRONETON	2758	2 W E	Toxic substances
Carbamate pesticides (Compounds and preparations), toxic, N.O.S. water immiscible	2757	3 W	Toxic substances
Carbamate pesticides (Compounds and preparations), toxic, N.O.S. water miscible, including ETHIOFENCARB AND YALTOX	2757	2 W	Toxic substances
Carbon dioxide	1013	2 X E	Non-flammable compressed gas
Carbon dioxide and ethylene oxide mixtures containing not more than 10 % carbon dioxide	1041	2 P E	Flammable gas
Carbon dioxide and ethylene oxide mixtures containing not more than 17 % ethylene oxide	1952	2 P E	Flammable gas
Carbon dioxide and nitrous oxide mixtures	1015	2 R E	Non-flammable compressed gas
Carbon dioxide and oxygen mixtures	1014	2 S	Non-flammable compressed gas
Carbon dioxide (Carbonic anhydride), refrigerated liquid	2187	2 X E	Non-flammable compressed gas
Carbon disulphide (Carbon bisulphide)	1131	3 W E	Flammable liquids
Carbon monoxide	1016	2 S E	Flammable gas
Carbon monoxide/Hydrogen mixtures (Fischer Tropsch gas, Synthesis gas, Blau gas, Water gas)	2600	2 S E	Gases compressed, liquefied or dissolved under pressure
Carbon tetrachloride	1846	2 Z	Toxic substance
Carbonyl fluoride	2417	2 P E	Toxic gas

Name of substance	Substance identification number	Emergency action code	Hazard warning
Carbonyl sulphide (carbon oxysulphide)	2204	2 W E	Flammable gas
Caustic alkali liquids N.O.S.	1719	2 R	Corrosive substance
Chlorine	1017	2 X E	Toxic gas
Chlorine trifluoride	1749	4 W E	Toxic gas
Chloroacetic acid (Monochloroacetic acid), liquid	1750	2 R	Corrosive substance
Chloroacetic acid, solid	1751	2 R	Corrosive substance
Chloroacetyl chloride	1752	4 W E	Corrosive substance
Chloroaniline, liquid	2019	2 X	Toxic substance
Chlorobenzene (Monochlorobenzene)	1134	2 Y	Flammable liquid
Chlorobenzotrifluoride	2234	2 Y	Flammable liquid
Chlorobutanes (1-Chlorobutane, Butyl chloride normal 2-Chlorobutane) ...	1127	3 Y E	Flammable liquid
Chlorocresol	2669	2 X	Toxic substance
Chlorodifluoroethane	2537	2 W E	Non-flammable compressed gas
1,1,1-Chlorodifluoroethane	2517	2 W E	Non-flammable compressed gas
Chlorodifluoromethane (Monochlorodifluoromethane)	1018	2 R E	Non-flammable compressed gas
Chlorodinitrobenzene (Dinitrochlorobenzene)	1577	2 W	Toxic substance
Chloroform	1888	2 Z	Toxic substance
Chloronitrobenzene	1578	2 X	Toxic substance
Chloro-ortho-nitrotoluene	2433	2 X	Toxic substance
Chloropentafluoroethane	1020	2 R E	Non-flammable compressed gas
Chlorophenates (chlorophenos), liquid	2021	2 X	Toxic substances
Chlorophenates (chlorophenols), solid	2020	2 X	Toxic substances
Chlorophenyl trichlorosilane	1753	4 X E	Corrosive substance
Chloropicrin (Trichloronitromethane)	1580	2 X E	Toxic substance
Chloroprene, inhibited	1991	3 W E	Flammable liquid
2-Chloropropane (Isopropyl chloride)	2356	3 Y E	Flammable liquid
Chlorosulphonic acid (with or without sulphur trioxide)	1754	4 W E	Corrosive substances
Chlorotetrafluoroethane	1021	2 R E	Non-flammable compressed gas
Chlorotoluene	2238	3 Y	Flammable liquid
Chlorotrifluoromethane (Trifluorochloromethane)	1022	2 R E	Non-flammable compressed gas
Chromic acid solution	1755	2 X	Corrosive substance
Chromic fluoride, solid	1756	2 X	Corrosive substance
Chromic fluoride, solution	1757	2 X	Corrosive substance
Chromium oxychloride	1758	4 W	Corrosive substance
Coal gas	1023	2 S E	Flammable gas
Coal tar distillate with a flash point equal to or below 32 °C (90 °F)	1136	3 W E	Flammable liquid
Coal tar distillate with a flash point above 32 °C (90 °F) but less than 61 °C (141 °F)	1137	3 W	Flammable liquid
Cresols (ortho-meta- and para-)	2076	2 X	Toxic substance
Cresylic acid	2022	2 X	Toxic substance
Crotonaldehyde, stabilised (beta-methyl acrolein, 2-butanol crotonic aldehyde)	1143	2 W E	Flammable liquid
Crotonylene	1144	3 Y E	Flammable liquid
Cumene hydroperoxide, technical pure	2116	2 W	Organic peroxide
Cyanide solutions	1935	2 X	Toxic substances
Cyanogen chloride	1589	2 W E	Toxic gas
Cyclobutane (Tetramethylene)	2601	3 W E	Gases compressed, liquefied or dissolved under pressure
Cycloheptane	2241	3 Y E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Cycloheptene	2242	3 Y E	Flammable liquid
Cyclohexane	1145	3 Y E	Flammable liquid
Cyclohexanone	1956	3 Y	Flammable liquid
Cyclohexene	2256	3 Y E	Flammable liquid
Cyclohexenyltrichlorosilane	1762	4 X E	Corrosive substance
Cyclohexyl acetate	2243	3 Y	Flammable liquid
Cyclohexylamine	2357	3 W E	Flammable liquid
Cyclohexyltrichlorosilane	1763	4 X E	Corrosive substance
Cyclooctadiene	2520	3 Y	Flammable liquid
Cyclopentane	1146	3 Y E	Flammable liquid
Cyclopentanol	2244	3 Y	Flammable liquid
Cyclopentanone	2245	3 Y	Flammable liquid
Cyclopentene	2246	3 Y E	Flammable liquid
Cyclopropane, liquefied	1027	2 W E	Flammable liquid
p-Cymene (Cymol, Methylpropylbenzene, isopropyltoluene, isopropyltoluol)	2046	3 Y	Flammable liquid
Decahydronaphthalene (Decalin)	1147	3 Z	Flammable liquid
n-Decane	2247	3 Y	Flammable liquid
Deuterium (Heavy hydrogen)	1957	2 S E	Flammable gas
Diacetone alcohol	1148	2 S E	Flammable liquid
Diallylamine	2359	2 P E	Flammable liquid
Diallylether	2360	3 W E	Flammable liquid
4,4-Diaminodiphenylamine	7001	2 Z	Other hazardous substances
4,4-Diaminodiphenyl Methane (p,p-Methylene dianiline)	2651	2 Z	Toxic substance
Diborane	1911	2 P E	Flammable gas
Dibromobenzene (Metadibromobenzene, 1,3-Dibromobenzene)	2711	2 Z	Flammable liquids
Di(N-butyl) amine	2248	3 W	Corrosive substance
Dibutyl ethers (Butyl ethers)	1149	3 Y	Flammable liquids
Dichloroacetic acid	1764	2 R	Corrosive substance
Dichloroacetyl chloride	1765	4 W E	Corrosive substance
O-Dichlorobenzene (Orthodichlorobenzene)	1591	2 Z	Toxic substance
Dichlorodifluoromethane	1028	2 R E	Non-flammable compressed gas
1,1-Dichloroethane	2362	2 Y E	Flammable liquid
Dichloroethylene	1150	3 Y E	Flammable liquid
Dichloroethyl ether	1916	2 W	Toxic substance
Dichloromethane (Methylene chloride)	1593	2 Z	Toxic substance
Dichloromonofluoromethane	1029	2 R E	Non-flammable compressed gas
Dichloropentane	1152	E Y	Flammable liquid
Dichloropropene	2047	2 W	Flammable liquid
Dichlorosilane	2189	4 W E	Toxic gas
Dichlorotetrafluoroethane (Tetrafluorodichloroethane)	1958	2 R E	Non-flammable compressed gas
Dicycloheptadiene	2251	3 Y	Flammable liquid
Dicyclopentadiene	2048	3 Y	Flammable liquid
1,2-Diethoxyethane (Ethylene glycol diethyl ether)	1153	3 Y	Flammable liquid
Diethyl aluminium chloride (Aluminium diethylmonochloride)	1101	4 W E	Substance liable to spontaneous combustion
Diethylamine	1154	2 W E	Flammable liquid
Diethylaminoethanol (N,N-Diethylethanolamine)	2686	2 S	Flammable liquid
N,N-Diethyl aniline	2432	3 X	Toxic substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Diethylbenzene.....	2049	3 ☒ Y	Flammable liquid
Diethylcarbonate.....	2366	3 Y	Flammable liquid
Diethylcarbinol (3-Pentanol).....	2706	3 ☒ Y	Flammable liquid
Diethylenetriamine.....	2079	2 X	Corrosive substance
Diethyl ether (Ethyl ether, anaesthetic ether, sulphuric ether).....	1155	3 Y E	Flammable liquids
Diethyl ketone.....	1156	3 ☒ Y E	Flammable liquid
Diethyl sulphate (Ethyl sulphate).....	1594	2 X	Toxic substance
Diethyl sulphide.....	2375	3 Y E	Flammable liquid
Difluoroethane.....	1030	2 W E	Flammable gas
1,1 Difluoroethylene.....	1959	2 P E	Toxic gas
Difluoromonoethane.....	1031	2 W E	Flammable gas
Difluorophosphoric acid, anhydrous.....	1768	2 X E	Corrosive substance
2,3-Dihydropyran.....	2376	2 Y E	Flammable liquid
Diisobutylamine.....	2361	3 W E	Flammable liquid
Di-isobutylene isometric compounds (alpha-diisobutylene beta-diisobutylene 2,4,4- Trimethyl-pentene -1,2,4,4- Trimethyl-pentene -2).....	2050	3 ☒ Y	Flammable liquids
Diisobutyl ketone.....	1157	3 ☒ Y	Flammable liquid
Diisopropylamine.....	1158	3 W E	Flammable liquid
Diisopropylbenzene hydroperoxide, maximum concentration 72 % in solution.....	2171	2 W E	Flammable liquid
Diisopropyl ether.....	1159	3 ☒ Y E	Flammable liquid
Diketene, inhibited.....	2521	2 ☒ S	Flammable liquid
1,2-Dimethoxyethane.....	2252	2 ☒ S E	Flammable liquid
Dimethylamine, anhydrous.....	1032	2 P E	Flammable liquid
Dimethylamine solution.....	1160	2 P E	Flammable liquid
2,3-Dimethylbutane.....	2457	3 ☒ Y E	Flammable liquid
Dimethyl carbonate.....	1161	3 Y E	Flammable liquid
Dimethylcyclohexane.....	2263	3 ☒ Y E	Flammable liquid
Dimethylcyclohexylamine.....	2264	3 W	Corrosive substance
Dimethyldichlorosilane.....	1162	4 W E	Flammable liquid
Dimethylethanolamine (Deanol, 2-Dimethylaminoethanol).....	2051	2 S	Flammable liquid
Dimethyl ether.....	1033	2 W E	Flammable gas
N,N-Dimethylformamide.....	2265	2 P	Toxic substance
Dimethylhydrazine, unsymmetrical.....	1163	2 W E	Flammable liquid
2,2-dimethyl-propane (Neopentane) other than pentane and its isomers.....	2044	2 W E	Gases: Compressed, liquefied or dissolved under pressure
Dimethyl sulphate (Methyl sulphate).....	1595	2 X E	Toxic substance
Dimethyl sulphide.....	1164	3 Y E	Flammable liquid
Dinitrobenzene.....	1597	2 W	Toxic substance
Dinitrotoluene, liquid.....	1600	2 W	Toxic substance
Dioxane.....	1165	2 S E	Flammable liquid
Dioxolane.....	1166	2 P E	Flammable liquid
Dipentene (Cajeputene Cinene di-paramentha-1,8 diene, Limonene, inactive).....	2052	3 ☒ Y	Flammable liquid
Diphenyldichlorosilane.....	1769	4 W E	Corrosive substance
Dipropylamine.....	2383	2 P E	Flammable liquid
Diquat.....	7003	2 R	Toxic substance
Divinyl ether.....	1167	3 Y E	Flammable liquid
Epichlorohydrin.....	2023	2 W	Toxic substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Ethane, compressed	1035	2 P E	Flammable gas
Ethane, refrigerated liquid	1961	2 W E	Flammable gas
Ethanolamine and solutions thereof	2491	2 T	Corrosive substance
Ethanol (Ethyl alcohol)	1170	2 S E	Flammable liquid
2-Ethoxyethanol (Ethylene glycol monoethyl ether)	1171	2 S	Flammable liquid
2-Ethoxyethyl acetate (Ethylene glycol monoethyl ether acetate)	1172	2 S	Flammable liquid
Ethyl acetate	1173	3 Y E	Flammable liquid
Ethyl acetylene (But-1-yne)	2452	2 W E	Flammable gas
Ethyl acrylate, inhibited	1917	3 W E	Flammable liquid
Ethylamine 50-70 % solution in water	2270	2 P E	Flammable liquid
Ethylamine (monoethylamine)	1036	2 P E	Flammable gas
Ethyl amyl ketone	2271	3 Y	Flammable liquid
Ethylbenzene	1175	3 Y E	Flammable liquid
Ethyl borate (Triethyl borate)	1176	2 S E	Flammable liquid
Ethyl bromide	1891	3 Y E	Toxic substance
2-Ethylbutanol	2275	3 Y	Flammable liquid
Ethylbutyl acetate	1177	3 Y	Flammable liquid
Ethyl butyl ether (Butyl ethyl ether)	1179	3 Y E	Flammable liquid
2-Ethylbutyraldehyde	1178	3 Y E	Flammable liquid
Ethyl butyrate	1180	3 Y	Flammable liquid
Ethyl chloride (chloroethane)	1037	3 W E	Flammable gas
Ethyl chloroacetate	1181	2 W	Toxic substance
Ethyl chloroformate (Ethyl chlorocarbonate)	1182	2 W E	Flammable liquid
Ethyl crotonate	1862	3 Y E	Flammable liquid
Ethyl dichlorosilane	1183	4 W E	Flammable liquid
Ethylene	1962	2 P E	Flammable gas
Ethylene chlorohydrin (2-Chloroethanol)	1135	2 W	Toxic substance
Ethylenediamine (1,2-Diaminoethane)	1604	2 P	Corrosive substance
Ethylene dibromide	1605	2 X	Toxic substance
Ethylene dichloride (1,2-Dichloroethane)	1184	2 Y E	Flammable liquid
Ethylene glycol monomethyl ether acetate	1189	2 S	Flammable liquid
Ethylene glycol monomethyl ether (Methyl glycol)	1188	2 S	Flammable liquid
Ethyleneimine, inhibited	1185	2 W E	Flammable liquid
Ethylene oxide (Oxirane, Epoxyethane) containing not more than 0,2 % Nitrogen	1040	2 P E	Flammable gas
Ethylene, refrigerated liquid	1038	2 W E	Flammable gas
Ethyl formate	1190	3 Y E	Flammable liquid
Ethyl hexaldehyde	1191	3 Y	Flammable liquid
Ethyl lactate	1192	3 Y	Flammable liquid
Ethyl mercaptan (Ethanethiol)	2363	3 Y E	Flammable liquid
Ethyl methacrylate	2277	3 Y E	Flammable liquid
Ethyl methyl ether	1039	2 P E	Flammable gas
Ethyl methyl ketone (Methyl ethyl ketone); (Methyl ethyl ketone Butanone)	1193	2 Y E	Flammable liquid
Ethyl nitrite solutions	1194	2 Y E	Flammable liquids
1-Ethyl piperidine	2386	3 W E	Flammable liquid
Ethyl propionate	1195	3 Y E	Flammable liquid
Ethyl Propyl Ether (Ethoxy Propane-1)	2615	3 Y E	Flammable liquid
Ethyltrichlorosilane	1196	4 W E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Ferric chloride (iron chloride, iron perchloride, iron sesquichloride).....	1773	2 R	Corrosive substance
Fluoboric acid (Hydrofluoboric acid)	1775	2 X	Corrosive substance
Fluorine	1045	2 P E	Toxic gas
Fluorophosphoric acid, anhydrous	1776	2 X E	Corrosive substance
Fluorosulphonic acid	1777	4 W E	Corrosive substance
Fluosilicic acid (Silicofluoric acid, Hydrosilicofluoric acid, Hydrofluosilicic acid, Sand acid)	1778	2 X	Corrosive substance
Formaldehyde, solutions with a flash point above 61 °C (141 °F) (Formalin, Formic aldehyde, Methanal)	2209	2 T	Other hazardous substance
Formaldehyde solutions (for example, Formalin) with a flash point of not more than 61 °C (141 °F)	1198	2 S E	Flammable liquids
Formic acid	1779	2 R	Corrosive substance
Fumaryl chloride	1780	2 P	Corrosive substance
Furfural	1199	2 W	Flammable liquid
Furfurylamine	2526	2 P	Flammable liquid
Fusel oil	1201	2 Y	Flammable liquid
Gas oil	1202	3 Z	Flammable liquid
Glacial acetic acid and more than 90 % per weight	1842	2 P	Non flammable compressed gas
Hazardous waste, containing isocyanates N.O.S.	7022	4 W E	Other hazardous substance
Hazardous waste, containing organo-lead compounds, N.O.S.	7023	4 W E	Other hazardous substance
Hazardous waste, flammable liquid, flash point less than 23 °C	7010	3 W E	Other hazardous substance
Hazardous waste, flammable liquid, flash point 23 °C to 61 °C	7011	3 W	Other hazardous substance
Hazardous waste, flammable solid or sludge N.O.S.	7012	3 W E	Other hazardous substance
Hazardous waste, liquid agrochemicals, toxic N.O.S.	7021	4 W E	Other hazardous substance
Hazardous waste, liquid containing acid	7006	2 W E	Other hazardous substance
Hazardous waste, liquid containing alkali	7008	2 W E	Other hazardous substance
Hazardous waste, liquid, containing inorganic cyanides	7019	4 X	Other hazardous substance
Hazardous waste, liquid, N.O.S.	7015	2 X	Other hazardous substance
Hazardous waste, liquid, toxic N.O.S.	7017	2 X	Other hazardous substance
Hazardous waste, miscellaneous, packaged N.O.S.	7013	4 W E	Other hazardous substance
Hazardous waste, solid, containing inorganic cyanides	7018	4 X	Other hazardous substance
Hazardous waste, solid or sludge, agrochemicals toxic N.O.S.	7020	4 W E	Other hazardous substance
Hazardous waste, solid or sludge containing acid	7007	2 W E	Other hazardous substance
Hazardous waste, solid or sludge containing alkalis	7009	2 W E	Other hazardous substance
Hazardous waste, solid or sludge N.O.S.	7014	2 X	Other hazardous substance
Hazardous waste, solid or sludge toxic N.O.S.	7016	2 X	Other hazardous substance
Helium, compressed	1046	2 T	Non-flammable compressed gas
Helium, refrigerated liquid	1963	2 R	Non-flammable compressed gas
Heptane and its isomers	1206	E Y E	Flammable liquids
n-Heptene	2278	3 Y E	Flammable liquid
Hexachlorobenzene (Perchlorobenzene)	2729	3 Z	Toxic substance
Hexadecyltrichlorosilane	1781	4 X E	Corrosive substance
Hexadiene	2458	3 Y E	Flammable liquid
Hexafluorophosphoric acid	1782	2 X E	Corrosive substance
Hexafluoropropylene	1858	2 X E	Toxic gas
Hexaldehyde	1207	3 Y	Flammable liquid
Hexamethylenediamine solution	1783	2 R	Corrosive substance
Hexane and its isomers	1208	3 Y E	Flammable liquids
Hexanols	2282	3 Y	Flammable liquids

Name of substance	Substance identification number	Emergency action code	Hazard warning
Hex-1-ene	2370	3 ☒ Y E	Flammable liquids
Hexyltrichlorosilane	1784	4 X E	Corrosive substance
Hydrazine, anhydrous and its aqueous solutions containing more than 64 % by weight, hydrazine	2029	2 P E	Corrosive substances
Hydrazine hydrate and aqueous solutions of hydrazine, containing not more than 64 % by weight, hydrazine	2030	2 P	Corrosive substances
Hydriodic acid (Hydrogen iodide solution)	1787	2 R	Corrosive substances
Hydrobromic acid (Hydrogen bromide solution)	1788	2 R	Corrosive substances
Hydrocarbon gases and mixtures of such gases compressed N.O.S.	1964	2 ☒ S E	Flammable gas
Hydrocarbon gases and mixtures of such gases liquefied N.O.S.	1965	2 W E	Flammable gas.
Hydrochloric acid (Muriatic acid, spirits of salts) in solution	1789	2 R	Corrosive substance
Hydrocyanic acid, aqueous solutions containing not more than 20 % of that substance	1613	2 W E	Toxic substance
Hydrofluoric acid solution (fluoric acid, hydrogen fluoride solution) containing less than 60 % hydrogen fluoride	1790	2 P E	Corrosive substance
Hydrofluoric acid solution (fluoric acid, hydrogen fluoride solution) containing 60 % or more hydrogen fluoride	1790	4 W E	Corrosive substance
Hydrogen and methane mixture (flammable compressed gas)	2034	2 ☒ S E	Flammable gas
Hydrogen bromide, anhydrous	1048	2 R E	Toxic gas
Hydrogen chloride, anhydrous	1050	2 R E	Toxic gas
Hydrogen chloride, refrigerated liquid	2186	2 R E	Toxic gas
Hydrogen, compressed	1049	2 ☒ S E	Flammable gas
Hydrogen cyanide (Hydrocyanic acid) anhydrous, stabilised	1051	2 W E	Toxic gas
Hydrogen cyanide (Hydrocyanic acid) anhydrous, stabilised, absorbed in a porous insert material	1614	2 W E	Toxic substance
Hydrogen fluoride, anhydrous	1052	4 W E	Toxic gas
Hydrogen peroxide and its aqueous solution, stabilised, containing more than 60 % hydrogen peroxide	2015	2 P E	Oxidising substances other than organic peroxides
Hydrogen peroxide, aqueous solution containing at least 8 % and not more than 60 % hydrogen peroxide (stabilised as necessary)	2014	2 P	Oxidising substances other than organic peroxides
Hydrogen, refrigerated, liquid	1966	2 W E	Flammable gas
Hydrogen selenide (Hydroselenic acid), anhydrous	2202	2 P E	Flammable gas
Hydrogen sulphide (Sulphuretted hydrogen), liquified	1053	2 W E	Flammable gas
Hydroquinone (1,4-Benzenediol, Quinol, Hydroquinol, p-dihydroxybenzene)	2662	2 Z	Toxic substance
Hypochlorite, solution containing more than 5 % available chlorine	1791	2 R	Corrosive substance
Insecticide gases, toxic N.O.S.	1967	2 W E	Toxic gas
Iodine monochloride	1792	2 P E	Corrosive substance
Isobutane and isobutane mixtures	1969	2 W E	Flammable gas
Isobutanol (Isobutyl alcohol)	1212	3 ☒ Y	Flammable liquid
Isobutyl acetate	1213	3 ☒ Y E	Flammable liquid
Isobutylamine	1214	2 W E	Flammable liquid
Isobutylene (Isobutene)	1055	2 W E	Flammable gas
Isobutyl isobutyrate	2528	3 ☒ Y	Flammable liquid
Isobutyl methacrylate	2283	3 ☒ Y	Flammable liquid
Isobutyraldehyde (Isobutyl Aldehyde)	2045	3 W E	Flammable liquid
Isobutyronitrile	2284	3 W E	Flammable liquid
Isododecane (Pentamethylheptane)	2286	3 ☒ Y	Flammable liquid
Isoheptene	2287	3 ☒ Y E	Flammable liquid
Isohexene	2288	3 ☒ Y E	Flammable liquid
Isononanoyl peroxide, technically pure or in solution	2128	2 W E	Organic peroxide
Iso-octene	1216	3 ☒ Y E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Isopentene.....	2371	3 Y E	Flammable liquid
Isophorone	7004	3 Z	Other hazardous substance
Isophoronediamine	2289	2 R	Corrosive substance
Isoprene, inhibited	1218	3 Y E	Flammable liquid
Isopropanol (Isopropyl alcohol).....	1219	2 S E	Flammable liquid
Isopropenyl acetate	2403	3 Y E	Flammable liquid
Iso-propenylbenzene (alpha-Methylstyrene); (2-phenylpropene).....	2303	3 Y	Flammable liquid
Isopropyl acetate	1220	3 Y E	Flammable liquid
Isopropylamine.....	1221	2 W E	Flammable liquid
Isopropylbenzene (Cumene).....	1918	3 Y	Flammable liquid
Isopropyl formate	2408	3 Y E	Flammable liquid
Isopropyl nitrate.....	1222	3 Y E	Flammable liquid
Kerosene (paraffin)	1223	3 Y	Flammable liquid
Krypton, compressed.....	1056	2 T	Non-flammable compressed gas
Krypton, refrigerated liquid	1970	2 R E	Non-flammable compressed gas
Lead sulphate containing more than 3 % free acid.....	1794	2 X	Corrosive substance
Lithium hydroxide monohydrate.....	2680	2 R	Corrosive substance
Lithium hydroxide solution.....	2679	2 R	Corrosive substance
Liquefied non-flammable gases charged with nitrogen, carbon dioxide or air	1058	2 R	Non-flammable compressed gas
Maleic anhydride.....	2215	2 X	Corrosive substance
p-Menthane Hydroperoxide, technical, pure.....	2125	2 W E	Organic peroxide
Mercaptans and mixtures, liquid N.O.S.	1228	3 Y E	Flammable liquid
Mesityl oxide	1229	3 W	Flammable liquid
Methacrylic acid, inhibited	2531	3 X	Corrosive substance
Methane and natural gases with a high methane content, compressed.....	1971	2 S E	Flammable gas
Methane and natural gases with a high methane content, refrigerated liquid	1972	2 W E	Flammable gas
Methanol (Methyl alcohol, wood alcohol, Columbian spirits)	1230	2 P E	Flammable liquid
4-Methoxy-pentan 2-one.....	2293	3 Y	Flammable liquid
Methyl acetate.....	1231	2 S E	Flammable liquid
Methyl acetone	1232	2 W E	Flammable liquid
Methyl acetylene mixed with 15 % to 20 % propadiene	1060	2 W E	Flammable gas
Methyl acrylate, inhibited	1919	3 W E	Flammable liquid
Methylal.....	1234	2 Y E	Flammable liquid
Methylamine anhydrous	1061	2 P E	Flammable gas
Methylamine aqueous solution.....	1235	2 P E	Flammable liquid
Methyl amyl acetate	1233	3 Y	Flammable liquid
Methyl bromide (Bromomethane)	1062	2 X E	Toxic gas
2-Methyl-1-butene	2459	3 Y E	Flammable liquid
2-Methyl-2-butene	2460	3 Y E	Flammable liquid
Methyl butyrate	1237	3 Y E	Flammable liquid
Methyl chloride (Chloromethane).....	1063	2 W E	Flammable gas
Methyl chloroacetate	2295	2 W	Flammable liquid
Methyl chloroformate (Methyl chlorocarbonate)	1238	3 W E	Flammable liquid
Methylchloromethyl ether (chloromethyl methyl ether)	1239	3 W E	Flammable liquid
Methyl chlorosilane.....	2534	4 W E	Flammable liquid
Methyl cyanide (acetonitrile).....	1648	2 W E	Toxic substance
Methyl cyclohexane	2296	3 Y E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Methyl cyclohexanols (Hexahydromethyl Phenol Hexahydroresol) of flash point below 60,5 °C (141 °F)	2617	3 ☒ Y	Flammable liquid
Methyl cyclohexanone	2297	3 Y	Flammable liquid
Methyl cyclopentane	2298	3 ☒ Y E	Flammable liquid
Methyldichlorosilane	1242	4 W E	Flammable liquid
Methylene bis (phenylene diisocyanate)	2489	2 X	Toxic substances
Methyl formate	1243	2 S E	Flammable liquid
2-Methylfuran	2301	3 Y E	Flammable liquid
5-Methyl hexan-2-one	2302	3 Y	Flammable liquid
Methylhydrazine	1244	2 W E	Flammable liquid
Methyl isobutyl carbinol (Methyl amyl alcohol MIBC 4-Methyl pentan-2-ol)	2053	3 ☒ Y	Flammable liquid
Methyl isobutyl ketone	1245	3 ☒ Y E	Flammable liquid
Methyl isocyanate and solutions	2480	3 W E	Flammable liquid
Methyl isopropenyl ketone, inhibited	1246	3 W E	Flammable liquid
Methylmercaptan	1064	2 W E	Flammable liquid
Methyl methacrylate monomer, inhibited	1247	3 ☒ Y E	Flammable liquid
Methylpentadiene	2461	3 ☒ Y E	Flammable liquid
Methylpentane	2462	3 ☒ Y E	Flammable liquid
Methyl propionate	1248	3 ☒ Y E	Flammable liquid
Methyl propyl ketone	1249	3 ☒ Y E	Flammable liquid
Methyltetrahydrofuran	2536	2 ☒ S E	Flammable liquid
Methyltrichlorosilane	1250	4 W E	Flammable liquid
Methyl vinyl ketone	1251	2 P E	Flammable liquid
Monochlorodifluoromonobromomethane	1974	2 R E	Non-flammable compressed gas
Morpholine (Tetrahydro-1,4-oxazine)	2054	2 P	Flammable liquid
Motor fuel anti-knock mixtures ("Ethyl fluid")	1649	2 X E	Toxic substances
Motor spirit (includes gasoline or petrol)	1203	3 ☒ Y E	Flammable liquid
Naphtha (Coal tar, crude and solvent)	2553	3 Y E	Flammable liquid
Naphtha, petroleum	1255	3 ☒ Y E	Flammable liquid
Naphtha, solvent	1256	3 W	Flammable liquid
Naphthalene (Creosote salts) crude or refined	1334	2 Z	Flammable solid
Naphthalene, molten	2304	1 X	Flammable solid
Naphthylamine (alpha)	2077	2 X	Toxic substance
Natural gasoline (Casinghead gasoline)	1257	3 W E	Flammable liquid
Neon, compressed	1065	2 ☒ T	Non-flammable compressed gas
Neon, refrigerated liquid	1913	2 R	Non-flammable compressed gas
Nickel carbonyl	1259	4 W E	Flammable liquid
Nitrates, inorganic N.O.S.	1477	1 ☒ T	Oxidising substances other than organic peroxides
Nitrates of soda and potash, mixtures	1478	1 ☒ T	Oxidising substances other than organic peroxides
Nitric acid other than red fuming nitric acid	2031	2 P E	Corrosive substance
Nitric acid, red, fuming	2032	2 P E	Corrosive substance
Nitric oxide	1660	2 R E	None
Nitric oxide and nitrogen tetroxide mixtures	1975	2 R E	Toxic gas
Nitrobenzene (Nitrobenzol, Mirbane oil)	1662	2 X	Toxic substance
Nitrobenzenesulphonic acid	2305	2 R	Corrosive substances
Nitrocresols	2446	2 X	Toxic substances

Name of substance	Substance identification number	Emergency action code	Hazard warning
Nitrogen, compressed	1066	2 T	None
Nitrogen dioxide (Nitrogen tetroxide) liquefied	1067	2 R E	Toxic gas
Nitrogen, refrigerated liquid	1977	2 R E	None
Nitrogen trifluoride	2451	2 P E	Toxic gas
Nitroglycerin (Glyceryl trinitrate) solution in alcohol containing not more than 1 % nitroglycerin	1204	2 S E	Flammable liquid
Nitrohydrochloric acid (Nitromuriatic acid)	1798	2 R	Corrosive substance
Nitromethane	1261	2 Y E	Flammable liquid
Nitrosyl chloride	1069	2 R E	Toxic gas
Nitrosylsulphuric acid	2308	4 W E	Corrosive substance
Nitrotoluenes	1664	2 X	Toxic substance
Nitrotoluidines (mono)	2660	2 Z	Toxic substance
Nitrous oxide	1070	2 R	Non-flammable compressed gas
Nitrous oxide refrigerated liquid	2201	2 P	Non-flammable compressed gas
Nitroxylenes	1665	2 X	Toxic substances
Nonane and its isomers	1920	3 Y	Flammable liquids
Nonyltrichlorosilane	1799	4 X E	Corrosive substance
Octadecyltrichlorosilane	1800	4 X E	Corrosive substance
Octafluorocyclobutane	1976	2 R E	Non-flammable compressed gas
Octane and its isomers	1262	3 Y E	Flammable liquids
Octyltrichlorosilane	1801	4 X E	Corrosive substance
Oil gas	1071	2 S E	Flammable gas
Organophosphorus pesticides (compounds and preparations) liquid toxic N.O.S. flash point below 32 °C water immiscible	2784	3 W E	Toxic substances
Organophosphorus pesticides (compounds and preparations) liquid toxic, N.O.S., flash point below 32 °C water immiscible, including Metasystox 55	2784	2 W E	Toxic substance
Organophosphorus pesticides (compounds and preparations) liquid toxic N.O.S. solid and water immiscible liquid, including Disulfuton, Dime-ton-5-Methyl	2783	3 W	Toxic substances
Organophosphorus pesticides (compounds and preparations) liquid toxic N.O.S. solid and water miscible liquids including Disyston, Folimat	2783	2 W	Toxic substances
Ortho-Anisidine	2431	3 X	Toxic substance
Oxygen, compressed	1072	2 S	Non-flammable compressed gas
Oxygen difluoride	2190	2 P E	Toxic gas
Oxygen, refrigerated liquid	1073	2 P E	Non-flammable compressed gas
Paraldehyde	1264	2 S E	Flammable liquid
Pentan-2,4-Dione	2310	2 S	Flammable liquid
n-Pentane and iso-pentane	1265	3 Y E	Flammable liquid
Perchloric acid concentration not exceeding 50 % by weight of acid	1802	2 P	Corrosive substance
Perchloric acid over 50 % acid and not more than 72 % acid by weight	1873	2 P	Oxidising substance other than an organic peroxide
Petroleum, crude oil	1267	3 W E	Flammable liquid
Petroleum distillates N.O.S. Benzene content less than 5 % (See note 1) (1) Where benzene content is 5 per cent or more use entry for benzene	1268	3 Y E	Flammable liquid
Petroleum fuel (See note 2) (2) This substance does not include butane, butane mixtures, hydrocarbon gases and mixtures of such gases N.O.S. or propane	1270	3 Y E	Flammable liquid
Petroleum gases, liquefied	1075	2 W E	Flammable gas
Petroleum spirit (benzolene petroleum ether)	1271	3 Y E	Flammable liquid
Phenol (Carbolic acid) molten	2312	2 X	Toxic substance
Phenol (Carbolic acid) solid	1671	2 X	Toxic substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Phenolsulphonic acid, liquid	1803	2 R	Corrosive substance
Phenyl isocyanate	2487	3 W	Toxic substance
Phenyltrichlorosilane	1804	4 X E	Corrosive substance
Phosgene (Carbonylchloride)	1076	2 X E	Toxic gas
Phosphine (phosphoretted hydrogen)	2199	2 W E	Toxic gas
Phosphoric acid (orthophosphoric acid)	1805	2 R	Corrosive substance
Phosphorus, amorphous (red phosphorus)	1338	2 W E	Flammable solid
Phosphorus oxybromide	1939	4 X E	Corrosive substance
Phosphorus pentachloride	1806	4 W E	Corrosive substance
Phosphorus pentasulphide free form yellow and white phosphorus	1340	4 Y E	Flammable solid
Phosphorus pentoxide (Phosphoric acid, anhydrous)	1807	4 W	Corrosive substance
Phosphorous sesquisulphide free from yellow and white phosphorus	1341	1 Y	Flammable solid
Phosphorus tribromide (phosphorous bromide)	1808	4 W E	Corrosive substance
Phosphorus trichloride (Phosphorous chloride)	1809	4 W E	Corrosive substance
Phosphorus white molten	2447	2 W E	Substances liable to spontaneous combustion
Phosphorus white or yellow dry or under water or in solution	1381	2 W E	Substances liable to spontaneous combustion
Phosphoryl chloride (Phosphorous oxychloride)	1810	4 W E	Corrosive substance
Phthalic anhydride	2214	2 X	Corrosive substance
Picolines (Methyl pyridines)	2313	2 S	Flammable liquid
Pinane hydropetroxide, technical pure	2162	2 W E	Organic peroxide
alpha-Pinene	2368	3 Y	Flammable liquid
Pine oil	1272	3 Y	Flammable liquid
Piperidin	2401	2 W E	Flammable liquid
Polychlorinated biphenyls	2315	4 X	Other toxic substance
Polystyrene beads, expandable, containing inflammable liquid	2211	3 Y	Other hazardous substance
Potassium bifluoride	1811	2 X	Corrosive substance
Potassium chlorate (chlorate of potash)	1485	1 S	Oxidising substance
Potassium cyanide	1680	4 X	Toxic substance
Potassium chlorate solution	2427	2 S	Oxidising substance other than an organic peroxide
Potassium fluoride	1812	2 Z	Toxic substance
Potassium hydroxide, solid	1813	2 R	Corrosive substance
Potassium hydroxide solution (caustic potash, potash liquor)	1814	2 R	Corrosive substance
Potassium metal	2257	4 W	Substance which in contact with water emits flammable gasses
Potassium nitrate (Saltpetre)	1486	1 T	Oxidising substance other than an organic peroxide
Potassium sulphate, hydrated, containing 30 % and more of crystallisation water	1847	2 X	Corrosive substance
Propadiene (allene)	2200	2 W E	Flammable gas
Propane	1978	2 W E	Flammable gas
Propanethiols	2402	3 W E	Flammable liquids
Propanol (Propyl alcohol)	1274	2 S E	Flammable liquid
Propionaldehyde	1275	2 Y E	Flammable liquid
Propionic acid	1848	2 P	Corrosive substance
Propionitrile	2404	2 W E	Flammable liquid
Propionyl chloride	1815	2 P E	Corrosive substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Propyl acetate, normal	1276	3 Y E	Flammable liquid
Propylamine (monopropylamine).....	1277	2 W E	Flammable liquid
Propyl benzene	2364	3 Y	Flammable liquid
Propyl chloride	1278	3 Y E	Flammable liquid
Propylenediamine	2258	2 P	Flammable liquid
Propylene dichloride	1279	2 Y E	Flammable liquid
Propyleneimine, inhibited	1921	2 W E	Flammable liquid
Propylene oxide	1280	2 P E	Flammable liquid
Propylene (propene)	1077	2 W E	Flammable gas
Propyl formates	1281	3 Y E	Flammable liquid
Propyl nitrate, normal	1865	2 W E	Flammable liquid
Propyltrichlorosilane	1816	4 W E	Corrosive substance
Pyridine	1282	2 W E	Flammable liquid
Pyrosulphuryl chloride	1817	4 W E	Corrosive substance
Pyrrolidine	1922	2 S E	Flammable liquid
Quinoline.....	2656	3 Z	Toxic substance
Rare gases, mixtures.....	1979	2 T E	Non-flammable compressed gas
Rare gases, mixtures with nitrogen.....	1981	2 T E	Non-flammable compressed gas
Rare gases, mixtures with oxygen.....	1980	2 S E	Non-flammable compressed gas
Resin solution in flammable liquid, insoluble in water, non-toxic, flash point above 23 °C N.O.S.	1866	3 Y	Flammable liquid
Resin solution in flammable liquid, insoluble in water, non-toxic, flash point 23 °C or below N.O.S.	1866	3 Y E	Flammable liquid
Resin solution in flammable liquid, insoluble in water, toxic, flash point < 23 °C	1866	3 W E	Flammable liquid
Resin solution is flammable liquid, insoluble in water, toxic, flash point > 23 °C	1866	3 W	Flammable liquid
Resin solution in flammable liquid, soluble in water, non-toxic, flash point < 23 °C	1866	2 Y E	Flammable liquid
Resin solution in flammable liquid, soluble in water, non-toxic, flash point > 23 °C	1866	2 Y	Flammable liquid
Resin solution in flammable liquid, soluble in water, toxic, flash point above 23 °C, N.O.S.	1866	2 W	Flammable liquid
Resin solution in flammable liquid, soluble in water, toxic, flash point 23 °C or below N.O.S.	1866	2 W E	Flammable liquid
Selenic acid	1905	2 X	Corrosive substance
Shale oil	1288	3 W E	None
Silane (Hydrogen silicide)	2203	2 S E	Flammable gas
Silicon tetrachloride (Silicon chloride).....	1818	4 W E	Corrosive substance
Silicon tetrafluoride.....	1859	2 P E	Toxic gas
Sodium aluminate solution	1819	2 R	Corrosive substance
Sodium chloride.....	1496	2 R	Oxidising substance other than an organic peroxide
Sodium chlorite solution containing more than 5 % available chlorine.....	1908	2 R	Corrosive substance
Sodium cyanide	1689	4 X	Toxic substance
Sodium hydrogen sulphate containing more than 3 % free acid	1821	2 R	Corrosive substance
Sodium hydrosulphide, solid.....	2318	2 R	Substance liable to spontaneous combustion
Sodium hydroxide, solid.....	1823	2 R	Corrosive substance
Sodium hydroxide solution (Caustic soda, liquor, sodium hydrate lye).....	1824	2 R	Corrosive substance
Sodium, metal.....	1428	4 W	Substance which in contact with water emits flammable gas

Name of substance	Substance identification number	Emergency action code	Hazard warning
Sodium metal dispersion in organic liquids	1429	4 W	Substance which in contact with water emits flammable gas
Sodium methylate solutions in alcohol	1289	2 P E	Flammable liquids
Sodium monoxide	1825	2 R	Corrosive substance
Sodium nitrate and potassium nitrate mixtures	1499	1 T	Oxidising substance other than organic peroxides
Sodium nitrate (chile saltpetre)	1498	1 T	Oxidising substance other than organic peroxides
Sodium nitrate	1500	1 Z	Oxidising substance other than organic peroxides
Sodium sulphate hydrated with at least 30 % water	1849	2 R	Corrosive substance
Sodium superoxide	2547	4 W	Oxidising substance other than organic peroxides
Stannic chloride, anhydrous (tin tetrachloride, tin chloride, fuming)	1827	4 W E	Corrosive substance
Styrene monomer, inhibited (cinnamene cinnamol, phenylethylene or Vinylbenzene)	2055	3 Y	Flammable liquid
Sulphur	1350	2 Z	Flammable solid
Sulphur chlorides (sulphur dichloride, sulphur monochloride)	1828	2 R E	Corrosive substances
Sulphur dioxide, liquefied	1079	2 R E	Toxic gas
Sulphur hexafluoride	1080	2 R E	Non-flammable compressed gas
Sulphuric acid	1830	2 P	Corrosive substance
Sulphuric acid, fuming	1831	4 W E	Corrosive substance
Sulphuric acid, spent	1832	2 P	Corrosive substance
Sulphur, molten	2448	2 X	Flammable solid
Sulphurous acid	1833	2 R	Corrosive substance
Sulphur tetrafluoride	2418	2 P E	Toxic gas
Sulphur trioxide, inhibited	1829	4 W E	Corrosive substance
Sulphuryl chloride	1834	4 W E	Corrosive substance
Tars, liquid, including road asphalt and oils, bitumen	1999	2 W	Flammable liquids
Terpene hydrocarbons N.O.S.	2319	3 Y	Flammable liquids
Tetrachloroethane (Acetylene tetrachloride)	1702	2 X E	Toxic substance
Tetrachloroethylene (perchloroethylene)	1897	2 Z	Toxic substance
Tetraethyl silicate (Ethyl silicate)	1292	3 Y	Flammable liquid
Tetrafluoroethylene, inhibited	1081	2 S E	Non-flammable compressed gas
Tetrafluoromethane	1982	2 T E	Non-flammable compressed gas
1,2,3,6-tetrahydrobenzaldehyde	2498	3 Y	Flammable liquid
Tetrahydrofuran	2056	2 S E	Flammable liquid
Tetramethylammonium hydroxide	1835	2 R	Corrosive substance
Thioglycolic acid	1940	2 X	Corrosive substance
Thionyl chloride	1836	4 W E	Corrosive substance
Thiophene	2414	3 W E	Flammable liquid
Thiophosphoryl chloride (Phosphorus sulphochloride)	1837	4 X E	Corrosive substance
Titanium tetrachloride	1838	4 W E	Corrosive substance
Toluene di-isocyanate (tolylene di-isocyanate toluylene di-isocyanate)	2078	2 X E	Toxic substance
Toluidines	1708	3 X	Toxic substance
2,4-tolylenediamine	1709	2 X	Toxic substance
Triallylamine	2610	3 Y	Flammable liquid
Trichloroacetic acid	1839	2 R	Corrosive substance
Trichloroethylene	1710	2 Z	Toxic substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Trichlorosilane	1295	4 W E	Substance which in contact with water emits flammable gas
Triethylamine.....	1296	3 W E	Flammable liquid
Triethylene diamine	2675	2 R	Corrosive substance
Triethylene tetramine.....	2259	2 R	Corrosive substance
Trifluorochloroethylene.....	1082	2 W E	Flammable gas
Trifluoroethane inflammable compressed gas	2035	2 W E	Flammable gas
Trifluoromethane	1984	2 R E	Non-flammable compressed gas
Triisobutylene	2324	3 Y	Flammable liquid
Trimethylamine anhydrous	1083	2 P E	Flammable gas
Trimethylamine aqueous solutions containing not more than 30 % of trimethylamine	1297	2 P E	Flammable liquids
1,3,5-trimethylbenzene	2325	3 Y	Flammable liquid
Trimethyl borate	2416	2 S	Flammable liquid
Trimethylchlorosilane.....	1298	4 W E	Flammable liquid
3,3,5-trimethylhexamethylenediamine	2327	2 R	Corrosive substance
Trimethyl phosphite	2329	3 Y	Flammable liquid
Tripropylamine.....	2260	3 W	Flammable liquid
Tripropylene (propylene trimer)	2057	3 Y	Flammable liquid
Turpentine	1299	3 Y	Flammable liquid
Turpentine substitute (white spirit)	1300	3 Y	Flammable liquid
Undecane.....	2330	3 Y	Flammable liquid
Valeraldehyde (amyl aldehyde, pentanal valeral, N-valeraldehyde, valeric aldehyde isovaleraldehyde)	2058	3 Y E	Flammable liquid
Vinyl acetate, inhibited	1301	3 Y E	Flammable liquid
Vinyl bromide, inhibited.....	1085	3 Y E	Flammable gas
Vinyl chloride, inhibited.....	1086	2 W E	Flammable gas
Vinyl ethyl ether, inhibited	1302	2 Y E	Flammable liquid
Vinyl fluoride, inhibited	1860	2 W E	Flammable gas
Vinylidene chloride, inhibited	1303	3 Y E	Flammable liquid
Vinyl isobutyl ether, inhibited	1304	3 Y E	Flammable liquid
Vinyl methyl ether, inhibited.....	1087	2 W E	Flammable gas
Vinyl toluene (methylstyrene, methylvinylbenzene, tolyethylene) mixed isomers, inhibited	2618	3 Y	Flammable liquid
Vinyltrichlorosilane, inhibited	1305	4 W E	Flammable liquid
Warfarin.....	2476	1 Z	Toxic substance
Xenon.....	2036	2 T E	Non-flammable compressed gas
Xylene (xylol)	1307	3 Y	Flammable liquid
Xylenol.....	2261	2 X	Toxic substance
Xylidine	1711	3 X	Toxic substance
Zinc chloride solution	1840	2 R	Corrosive substance

AANHANGSEL 1

DEEL I

In hierdie gedeelte beteken "N.A.G.", waar dit in die eerste kolom voorkom, "nie anders gespesifiseer", en die derde kolom word geïnterpreteer ooreenkomstig Deel III.

Waar 'n letter in kolom 3 in 'n blokkie voorkom, moet dit geag word 'n wit letter op 'n swart agtergrond te wees, en kolom 3 word geïnterpreteer volgens Deel III.

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Adiponitriël (1,4-disianobutaan, tetrametileensianied).....	2205	3 X	Gifstof
Akrielsuur, geïnhibeer	2218	2 P	Bytstof
Akriëlamied	2074	2 P E	Gifstof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Akrlonitriël, geïnhibeer	1093	3 W E	Vlambare vloeistof
Akroleien (akraldehyd), geïnhibeer	1092	2 W E	Vlambare vloeistof
Akroleïendimeer, gestablieer (2-formiel-3,4-dihidro-2H-piraan)	2607	2 S	Vlambare vloeistof
Alfachloropropionsuur	2511	2 R	Bytstof
Alfapineen	2368	3 Y	Vlambare vloeistof
Alfametiëvaleraldehyd	2367	3 Y E	Vlambare vloeistof
Alkiel-, ariel- en toluëenswaelsuur (jellende vloeistof wat hoogstens 5 % vry swaelsuur bevat)	2586	2 X	Bytstowwe
Alkiel-, ariel- en toluëenswaelsuur (nie-jellende vloeistof wat hoogstens 5 % vry swaelsuur bevat)	2586	2 R	Bytstowwe
Alkohol, gedenatureer (brandspiritus)	1095	2 S E	Vlambare vloeistof
Alkohol, industrieel	1096	2 S E	Vlambare vloeistof
Allielalkohol	1098	2 P E	Vlambare vloeistof
Allielamien	2334	2 W E	Vlambare vloeistof
Allielasetaat	2333	3 W E	Vlambare vloeistof
Allielbromied	1099	2 W E	Vlambare vloeistof
Allielchloried (3-chloropropen)	1100	3 W E	Vlambare vloeistof
Allielchloroformiaat	1722	2 W E	Bytstof
Allielformiaat	2336	3 W E	Vlambare vloeistof
Allielglisidieeter	2219	2 S	Vlambare vloeistof
Allieljodied	1723	2 W E	Bytstof
Allieltrichlorosilaan, gestablieerd	1724	4 W E	Bytstof
Aluminiumbromied, watervry	1725	4 X	Bytstof
Aluminiumchloried, watervry	1726	4 X	Bytstof
Aluminiumtriëtiel	1102	4 W E	Spontaan vlambare stof
Aluminiumtrimetiël	1103	4 W E	Spontaan vlambare stof
Amielalkohol (primêr en sekondêr)	1105	3 Y	Vlambare vloeistof
Amielalkohol, tersiêr (2-metiëlbutaan-2-ol)	1105	2 S E	Vlambare vloeistof
Amielamien	1106	2 P E	Vlambare vloeistof
Amielasetaat	1104	3 Y	Vlambare vloeistof
Amielchloried	1107	3 Y E	Vlambare vloeistof
Amielformiaat	1109	3 Y	Vlambare vloeistof
Amielmerkaptan	1111	3 W E	Vlambare vloeistof
Amielmetiëlketoon (metielamiëlketoon)	1110	3 Y	Vlambare vloeistof
Amielnitraat	1112	3 Y	Vlambare vloeistof
Amielnitriet	1113	3 Y E	Vlambare vloeistof
Amieltrichlorosilaan	1728	4 X E	Bytstof
Amileen, normaal (1-Penteen)	1108	3 Y E	Vlambare vloeistof
Ammoniakoplossings met 'n relatiewe digtheid (soortlike gewig), van minder as 0,880 by 15 °C in water, wat meer as 35 % maar hoogstens 50 % ammoniak bevat	2073	2 P E	Nie-vlambare saamgeperste gas
Ammoniakoplossings wat meer as 10 % maar hoogstens 35 % ammoniak bevat, met 'n soortlike massa by 15 °C van 0,957 tot 0,880 in water	2672	2 P	Gifstof
Ammoniak, watervry, vloeibaar en ammoniakoplossings met 'n relatiewe digtheid (soortlike gewig) van minder as 0,880 by 15 °C in water, en wat meer as 50 % ammoniak bevat	1005	2 P E	Giftige gas
Ammoniumnitraat met nie meer as 0,2 % brandbare stowwe nie, insluitend enige organiese stof bereken as koolstof, met die uitsluiting van enige ander bygevoegde stof	1942	1 S	'n Ander oksiderende stof as 'n orga- niese peroksied
Ammoniumnitraatvloeistof (warm gekonsentreerde oplossing)	2426	1 P	'n Ander oksiderende stof as 'n orga- niese peroksied
Anilien (anilienolie, fenielamien, aminobenseen)	1547	3 X	Gifstof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Anisoëlchloried	1729	2 X	Bytstof
Anisool	2222	3 Y	Vlambare vloeistof
Antimoonpentachloried (antimoonperchloried), vloeistof	1730	4 X	Bytstof
Antimoonpentafluoried	1732	4 W E	Bytstof
Antimoontrichloried, (Antimoniese chloried, bytende antimoon, botter-antimoon, mineraalbotter)	1733	4 W E	Bytstof
Argon, verkoelde vloeistof	1951	2 R E	Nie-vlambare saamgeperste gas
Argon, saamgepers	1006	2 T	Nie-vlambare saamgeperste gas
Arseensuur, vloeistof	1553	2 X	Gifstof
Arsien (waterstofarsenied)	2188	2 P E	Giftige gas
Asetaal	1088	3 Y E	Vlambare vloeistof
Asetaldehyd (aldehyd)	1089	2 Y E	Vlambare vloeistof
Asetaldehydammoniak	1841	1 Y	Ander gevaarlike stof
Asetielbromied	1716	4 W E	Bytstof
Asetielchloried	1717	4 W E	Bytstof
Asetieljodied	1898	2 R	Bytstof
Asetileen, opgelos	1001	2 S E	Vlambare gas
Asetoon	1090	2 Y E	Vlambare vloeistof
Asetoonsiaanhydrien	1541	2 X E	Gifstof
Asynsuuranhydried	1715	2 P	Bytstof
Batteryvloeistof (elektroliet)	1735	2 R	Bytstof
Bensaldehyd	1990	3 Z	Vlambare vloeistof
Benseen (bensol)	1114	3 W E	Vlambare vloeistof
Benseentol (tiofenol)	2337	3 W E	Vlambare vloeistof
Bensielbromied	1737	2 X	Bytstof
Bensielchloried	1738	2 W	Gifstof
Bensien	1115	3 W E	Vlambare vloeistof
Bensoëlchloried	1736	2 X	Bytstof
Bensotrichloried	2226	2 X	Gifstof
Bensotrifluoried	2338	2 Y E	Vlambare vloeistof
Boortrichloried	1741	4 W E	Giftige gas
Boortrifluoried	1008	4 W E	Bytstof
Boortrifluoried-asynsuurkompleks	1742	2 W E	Vlambare vloeistof
Boortrifluorieddiëtleteraat	2604	4 W E	Vlambare vloeistof
Broomasetielbromied	2513	4 W E	Bytstof
Broomasynsuur	1938	2 R	Bytstof
Broombenseen	2514	2 Z	Vlambare vloeistof
2-Broombutaan	2339	2 Y E	Vlambare vloeistof
Broom en oplossings van broom	1744	2 X E	Bytstof
Broompentafluoried	1745	4 W E	Bytstof
Broompropaan (isopropielbromied)	2344	2 Y E	Vlambare vloeistowwe
Broomtrifluoried	1746	4 W E	Bytstof
Broomtrifluoreteleen	2419	2 X E	Nie-vlambare saamgeperste gas
Broomtrifluormetaan	1009	2 R E	Nie-vlambare saamgeperste gas
Butaandioon	2346	2 S	Vlambare vloeistof
Butaan of butaanmengsels	1011	2 W E	Vlambare gas
Butaan-1-tiol	2347	3 W E	Vlambare vloeistof
Butadien, geïnhibeer	1010	2 W E	Vlambare gas

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Butanol (butielalkohol).....	1120	3 ☒ Y	Vlambare vloeistof
Butielakriflaar	2348	3 ☒ Y	Vlambare vloeistof
Butielamien, normaal	1125	2 W E	Vlambare vloeistof
Butielasetaar, normaal.....	1123	3 ☒ Y E	Vlambare vloeistof
Butielbenseen (2-metiel-2-feniel-propaan; 1-fenielbutaan; 2-fenielbutaan)	2709	3 ☒ Y	Vlambare vloeistof
Butielbromied, normaal.....	1126	2 ☒ Y E	Vlambare vloeistof
Butielformiaar, normaal.....	1128	3 ☒ Y E	Vlambare vloeistof
Butielnitriet	2351	3 ☒ Y E	Vlambare vloeistof
Butieltolueen (p-tert-butieltolueen.....)	2667	3 ☒ Z	Gifstowwe
Butieltrichlorosilaan	1747	4 W E	Bytstof
Butielvinieleter	2352	3 ☒ Y E	Vlambare vloeistof
Butileen (buteen).....	1012	2 W E	Vlambare gas
Butiraldehyd	1129	3 W E	Vlambare vloeistof
Butielchloried.....	2353	2 P E	Vlambare vloeistof
Butironitriet.....	2411	3 W E	Vlambare vloeistof
Bytende alkalivloeistowwe N.A.G.....	1719	2 R	Bytstof
Chloor	1017	2 X E	Giftige gas
Chlooranilien, vloeistof	2019	2 X	Gifstof
Chloorasetielchloried.....	1752	4 W E	Bytstof
Chloorasynsuur (monochloorasynsuur), vloeistof.....	1750	2 R	Bytstof
Chloorasynsuur, vaste stof.....	1751	2 R	Bytstof
Chloorbenseen (monochloorbenseen).....	1134	2 Y	Vlambare vloeistof
Chloorbensotrifluoried	2234	2 ☒ Y	Vlambare vloeistof
Chloorbutaan (1-chloorbutaan; butielchloried normaal; 2-chloorbutaan)....	1127	3 ☒ Y E	Vlambare vloeistof
Chloordifluoretaan	2537	2 W E	Nie-vlambare saamgeperste gas
1,1,1,-Chloordifluoretaan.....	2517	2 W E	Nie-vlambare saamgeperste gas
Chloordifluormetaan (monochloordifluormetaan)	1018	2 R E	Nie-vlambare saamgeperste gas
Chloordinitrobenseen (dinitrochloorbenseen).....	1577	2 W	Gifstof
Chloorfenieltrichloorsilaan	1753	4 X E	Bytstof
Chloorfenolaar (chloorfenole); vaste stof.....	2020	2 X	Gifstowwe
Chloorfenolaar (chloorfenole), vloeistof.....	2021	2 X	Gifstowwe
Chloorkresol	2669	2 X	Gifstof
Chloornitrobenseen	1578	2 X	Gifstof
Chloor-orto-nitrotolueen	2433	2 X	Gifstof
Chloorpentafluoretaan	1020	2 R E	Nie-vlambare saamgeperste gas
Chloorpikrien (trichloornitrometaan)	1580	2 X E	Gifstof
Chloorpreen, geinhibeer	1991	3 W E	Vlambare vloeistof
2-Chloorpropaan (isopropielchloried).....	2356	3 ☒ Y E	Vlambare vloeistof
Chloorsulfoonsuur (met of sonder swaeltrioksied)	1754	4 W E	Bytstof
Chloortetrafluoretaan	1021	2 R E	Nie-vlambare saamgeperste gas
Chloortolueen	2238	3 ☒ Y	Vlambare vloeistof
Chloortrifluormetaan (trifluorchloormetaan).....	1022	2 R E	Nie-vlambare saamgeperste gas
Chloortrifluoried	1749	4 W E	Giftige gas
Chloroform	1888	2 Z	Gifstof
Chroomfluoriedoplossing.....	1757	2 X	Bytstof
Chroomfluoried, vaste stof	1756	2 X	Bytstof
Chroomoksichloried	1758	4 W	Bytstof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Chroomsuuroplossing	1755	2 X	Bytstof
Dekahidronaftaleen (dekalien)	1147	3 <u>Z</u>	Vlambare vloeistof
Denneolie	1272	3 <u>Y</u>	Vlambare vloeistof
Deuterium (swaar waterstof)	1957	2 <u>S</u> E	Vlambare gas
Diallielamien	2359	2 P E	Vlambare vloeistof
Diallieleter	2360	3 W E	Vlambare vloeistof
Di-(N-butil)-amien	2248	3 W	Bytstof
4,4-Diaminodifenielamien	7001	2 Z	Ander gevaarlike stof
4,4-Diaminodifenielmetaan (p,p-metileendianilien)	2651	2 Z	Gifstof
Diasetonalkohol	1148	2 <u>S</u> E	Vlambare vloeistof
Diboraan	1911	2 P E	Vlambare gas
Dibroombenseen (metadibroombenseen; 1,3-dibroombenseen)	2711	2 <u>Z</u>	Vlambare vloeistof
Dibutieleters (butieleters)	1149	3 <u>Y</u>	Vlambare vloeistowwe
Dichloorasetielchloried	1765	4 W E	Bytstof
Dichloorasynsuur	1764	2 R	Bytstof
Dichloordifluormetaan	1028	2 R E	Nie-vlambare saamgeperste gas
1,1-Dichlooretaan	2362	2 Y E	Vlambare vloeistof
Dichlooretieleter	1916	2 W	Gifstof
Dichlooretileen	1150	3 Y E	Vlambare vloeistof
Difluoorfosforsuur, watervry	1768	2 X E	Bytstof
Dichloormetaan (metileenchloried)	1593	2 Z	Gifstof
Dichloormonofluormetaan	1029	2 R E	Nie-vlambare saamgeperste gas
Dichloorpentaan	1152	3 <u>Y</u>	Vlambare vloeistof
Dichloorpropeen	2047	2 W	Vlambare vloeistof
Dichloorsilaan	2189	4 W E	Giftige gas
Dichloortetrafluoretaan (tetrafluoordichlooretaan)	1958	2 R E	Nie-vlambare saamgeperste gas
Diëtielaluminiumchloried (aluminiumdiëtielmonochloried)	1101	4 W E	Spontaan vlambare stof
Diëtielamien	1154	2 W E	Vlambare vloeistof
Diëtielamienetanol (N,N-diëtielatanolamien)	2686	2 S	Vlambare vloeistof
N,N-diëtielanilien	2432	3 X	Gifstof
Diëtielbenseen	2049	3 <u>Y</u>	Vlambare vloeistof
Diëtieleter (etieleter; anestetikumeter; swaelsuureter)	1155	3 Y E	Vlambare vloeistof
Diëtielkarbinol (3-pentanol)	2706	3 <u>Y</u>	Vlambare vloeistof
Diëtielkarbonaat	2366	3 Y	Vlambare vloeistof
Diëtielketoon	1156	3 <u>Y</u> E	Vlambare vloeistof
Diëtielsulfaat (etielsulfaat)	1594	2 X	Gifstof
Diëtielsulfied	2375	3 Y E	Vlambare vloeistof
Diëtileentriamien	2079	2 X	Bytstof
1,2-Diëtoksiëtaan (etileenglikoldiëtieleter)	1153	3 <u>Y</u>	Vlambare vloeistof
Difenieldichloorsilaan	1769	4 W E	Bytstof
Difluoretaan	1030	2 W E	Vlambare gas
1,1-Difluoretileen	1959	2 P E	Giftige gas
Difluormonochlooretaan	1031	2 W E	Vlambare gas
2,3-Dihidropiraan	2376	2 Y E	Vlambare vloeistof
Diisobutielamien	2361	3 W E	Vlambare vloeistof
Diisobutielketoon	1157	3 <u>Y</u>	Vlambare vloeistof
Diisobutileen isometriese verbindings (alfadiisobutileen; betadiisobutileen; 2,4,4-trimetiehpenteen-1,2,4,4-trimetiehpenteen-2)	2050	3 <u>Y</u> E	Vlambare vloeistowwe
Diisopropielamien	1158	3 W E	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Diisopropiëlbenseenhidroperoksied, maksimum konsentrasie 72 % in oplossing	2171	2 W E	Vlambare vloeistof
Diisopropieleter	1159	3 Y E	Vlambare vloeistof
Diketeen, geïnhibeer	2521	2 S	Vlambare vloeistof
Dikwat	7003	2 R	Gifstof
Dimetielamien, watervry	1032	2 P E	Vlambare gas
Dimetielamienoplossing	1160	2 P E	Vlambare vloeistof
2,3-Dimetielbutaan	2457	3 Y E	Vlambare vloeistof
Dimetiëldichloorsilaan	1162	4 W E	Vlambare vloeistof
Dimetietanolamien (deanol; 2-dimetielaminoëtanol)	2051	2 S	Vlambare vloeistof
Dimetieleter	1033	2 W E	Vlambare gas
Dimetielhidrasien, onsimmetries	1163	2 W E	Vlambare vloeistof
Dimetielkarbonaat	1161	3 Y E	Vlambare vloeistof
2,2-Dimetielpropaan (neopentaa), uitgesonderd pentaan en sy isomere	2044	2 W E	Gas: saamgepers, vloeibaar of oplosbaar onder druk
Dimetiëlsikloheksaan	2263	3 Y E	Vlambare vloeistof
Dimetiëlsikloheksilamien	2264	3 W	Bytstof
Dimetiëlsulfaat (metiëlsulfaat)	1595	2 X E	Gifstof
Dimetiëlsulfied	1164	3 Y E	Vlambare vloeistof
1,2-Dimetoksiëtaan	2252	2 S E	Vlambare vloeistof
Dinitrobenseen	1597	2 W	Gifstof
Dinitrotolueen, vloeistof	1600	2 W	Gifstof
Dioksaan	1165	2 S E	Vlambare vloeistof
Dioksolaan	1166	2 P E	Vlambare vloeistof
Dipenteen (Kajapoeteen; sineen dipara-menta-1,8-diëen; limoneen; onaktief)	2052	3 Y	Vlambare vloeistof
Dipropielamien	2383	2 P E	Vlambare vloeistof
Disikloheptadiëen	2251	3 Y	Vlambare vloeistof
Disiklopentadiëen	2048	3 Y	Vlambare vloeistof
Distikstofoksied	1070	2 R	Nie-vlambare saamgeperste gas
Distikstofoksied, verkoelde vloeistof	2201	2 P	Nie-vlambare saamgeperste gas
Divinieleter	1167	3 Y E	Vlambare vloeistof
Edelgasse, mengsels	1979	2 T E	Nie-vlambare saamgeperste gas
Edelgasse, mengsels met stikstof	1981	2 T E	Nie-vlambare saamgeperste gas
Edelgasse, mengsels met suurstof	1980	2 S E	Nie-vlambare saamgeperste gas
Epichloorhidrien	2023	2 W	Gifstof
Etaan, saamgepers	1035	2 P E	Vlambare gas
Etaan, verkoelde vloeistof	1961	2 W E	Vlambare gas
Etanolamien en oplossings daarvan	2491	2 T	Bytstof
Etanol (etiëalkohol)	1170	2 S E	Vlambare vloeistof
Etiëlakrilaat, geïnhibeer	1917	3 W E	Vlambare vloeistof
Etiëlamieketoon	2271	3 Y	Vlambare vloeistof
Etiëlamien, 50-70 % oplossing in water	2270	2 P E	Vlambare vloeistof
Etiëlamien (monoëtiëlamien)	1036	2 P E	Vlambare gas
Etiëlasetaat	1173	3 Y E	Vlambare vloeistof
Etiëlasetiëen (but-1-yn)	2452	2 W E	Vlambare gas
Etiëlbenseen	1175	3 Y E	Vlambare vloeistof
Etiëlboraat (triëtiëlboraat)	1176	2 S E	Vlambare vloeistof
Etiëlbromied	1891	3 Y E	Gifstof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
2-Etielbutanol	2275	3 ☒ Y	Vlambare vloeistof
Etielbutielasetaat	1177	3 ☒ Y	Vlambare vloeistof
Etielbutieleter (butieleter)	1179	3 ☒ Y E	Vlambare vloeistof
Etielbutiraat	1180	3 ☒ Y	Vlambare vloeistof
2-Etielbutiraldehyd	1178	3 Y E	Vlambare vloeistof
Etielchloried (chlooretaan)	1037	3 W E	Vlambare gas
Etielchloorasetaat	1181	2 W	Gifstof
Etielchloorformiaat (etielchloorkarbonaat)	1182	2 W E	Vlambare vloeistof
Etielchloorsilaan	1183	4 W E	Vlambare vloeistof
Etielformiaat	1190	3 Y E	Vlambare vloeistof
Etielheksaldehyd	1191	3 ☒ Y	Vlambare vloeistof
Etielkrotonaat	1862	3 ☒ Y E	Vlambare vloeistof
Etiellaktaat	1192	3 ☒ Y	Vlambare vloeistof
Etielmerkaptan (etaantiol)	2363	3 Y E	Vlambare vloeistof
Etielmetakrilaat	2277	3 ☒ Y E	Vlambare vloeistof
Etielmetieleter	1039	2 P E	Vlambare vloeistof
Etielmetielketoon (metietielketoon); (metietielketoonbutanoon)	1193	2 ☒ Y E	Vlambare vloeistof
Etielnitrietoplossings	1194	2 Y E	Vlambare vloeistowwe
1-Etielpiperidien	2386	3 W E	Vlambare vloeistof
Etielpropieleter (etoksipropaan-1)	2615	3 ☒ Y E	Vlambare vloeistof
Etielpropionaat	1195	3 ☒ Y E	Vlambare vloeistof
Etieltrichloorsilaan	1196	4 W E	Vlambare vloeistof
Etileen	1962	2 P E	Vlambare gas
Etileenchlorhidrien (2-chlooretanol)	1135	2 W	Gifstof
Etileendiamien (1,2-diaminoëtaan)	1604	2 P	Bytstof
Etileendibromied	1605	2 X	Gifstof
Etileendichloried (1-2-dichlooretaan)	1184	2 Y E	Vlambare vloeistof
Etileenglikolmonometieleterasetaat	1189	2 ☒ S	Vlambare vloeistof
Etileenglikolmonometieleter (metielglikol)	1188	2 ☒ S	Vlambare vloeistof
Etileenimien, geïnhibeer	1185	2 W E	Vlambare vloeistof
Etileenoksied (oksiraan; epoksiëtaan) met hoogstens 0,2 % stikstof	1040	2 P E	Vlambare gas
Etileen, verkoelde vloeistof	1038	2 W E	Vlambare gas
2-Etoksiëtanol (etileenglikolmonoëtieleter)	1171	2 S	Vlambare vloeistof
2-Etoksiëtielasetaat (etileenglikolmonoëtieleterasetaat)	1172	2 ☒ S	Vlambare vloeistof
Fenielisosianaat	2487	3 W	Gifstof
Fenieltrichloorsilaan	1804	4 X E	Bytstof
Fenol (karbolsuur), gesmelt	2312	2 X	Gifstof
Fenol (karbolsuur), vaste stof	1671	2 X	Gifstof
Fenolsulfoonsuur, vloeistof	1803	2 R	Bytstof
Ferrichloried (ysterchloried; ysterperchloried; ysterseskwichloried)	1773	2 R	Bytstof
Fluor	1045	2 P E	Giftige gas
Fluoboorsuur (hidrofluoboorsuur)	1775	2 X	Bytstof
Fluoorfosforsuur, watervry	1776	2 X E	Bytstof
Fluosilikonsuur (Silikofluoorsuur; hidrosilikofluoorsuur; hidrofluoorsilikonsuur; sandsuur)	1778	2 X	Bytstof
Fluoor-sulfoonsuur	1777	4 W E	Bytstof
Foeselolie	1201	3 ☒ Y	Vlambare vloeistof
Formaldehydoplossings (byvoorbeeld formalien) met 'n ontbrandingspunt van hoogstens 61 °C (141 °F)	1198	2 S E	Vlambare vloeistof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Formaldehydoplossings met 'n ontbrandingspunt bo 61 °C (141 °F) (formalinen; mierealdehyd; metanaal)	2209	2 T	Ander gevaarlike stof
Fosfien (fosforhidried)	2199	2 W E	Giftige gas
Fosfor, amorfies (rooi fosfor)	1338	2 W E	Vlambare vaste stof
Fosforielchloried (fosforoksichloried)	1810	4 W E	Bytstof
Fosforoksibromied	1939	4 X E	Bytstof
Fosforpentachloried	1806	4 W E	Bytstof
Fosforpentasulfied, vry van geel of wit fosfor	1340	4 Y E	Vlambare vaste stof
Fosforpentoksied (fosforsuur, watervry)	1807	4 W	Bytstof
Fosforseskwisulfied vry van geel of wit fosfor	1341	1 Y	Vlambare vaste stof
Fosforsuur (ortofosforsuur)	1805	2 R	Bytstof
Fosfortribromied (fosforigbromied)	1808	4 W E	Bytstof
Fosfortrichloried (fosforigchloried)	1809	4 W E	Bytstof
Fosfor, wit gesmelt	2447	2 W E	Spontaan vlambare stof
Fosfor, wit of geel, droog of onder water of in oplossing	1381	2 W E	Spontaan vlambare stof
Fosgeen (karbonielchloried)	1076	2 X E	Giftige gas
Ftaalsuuranhidried	2214	2 X	Bytstof
Furfural	1199	2 W	Vlambare vloeistof
Furfurielamien	2526	2 P	Vlambare vloeistof
Furmarielchloried	1780	2 P	Bytstof
Gasolie	1202	3 Z	Vlambare vloeistof
Gaspetrol (aardgaspetrol)	1257	3 W E	Vlambare vloeistof
Gevaarlike afval wat isosianate bevat, N.A.G.	7022	4 W E	Ander gevaarlike stof
Gevaarlike afval wat organiese loodverbindinge bevat, N.A.G.	7023	4 W E	Ander gevaarlike stof
Gevaarlike afval met verskillende soorte inhoud, N.A.G.	7013	4 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof, wat anorganiese sianiedes bevat	7018	4 X	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, landbouchemikalieë wat toksies is, N.A.G.	7020	4 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, N.A.G.	7014	2 X	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, wat alkalieë bevat	7009	2 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, wat suur bevat	7007	2 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, wat toksies is, N.A.G.	7016	2 X	Ander gevaarlike stof
Gevaarlike afval, vlambare vaste stof of slik, N.A.G.	7012	3 W E	Ander gevaarlike stof
Gevaarlike afval, vlambare vloeistof met 'n ontbrandingspunt van 23 °C tot 61 °C	7011	3 W	Ander gevaarlike stof
Gevaarlike afval, vlambare vloeistof met 'n ontbrandingspunt van laer as 23 °C	7010	3 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof, landbouchemikalieë wat toksies is, N.A.G.	7021	4 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof, N.A.G.	7015	2 X	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat alkalieë bevat	7008	2 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat anorganiese sianiede bevat	7019	4 X	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat suur bevat	7006	2 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat toksies is, N.A.G.	7017	2 X	Ander gevaarlike stof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, nie-toksies; ontbrandingspunt 23 °C of laer, N.A.G.	1866	3 Y E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, nie-toksies; ontbrandingspunt hoër as 23 °C, N.A.G.	1866	3 Y	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, toksies; ontbrandingspunt > 23 °C	1866	3 W	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, toksies; ontbrandingspunt < 23 °C	1866	3 W E	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Harsoplossing in vlambare vloeistof, oplosbaar in water, nie-toksies; ontbrandingspunt > 23 °C	1866	2 ☒ Y	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, nie-toksies; ontbrandingspunt < 23 °C	1866	2 ☒ Y E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, toksies; ontbrandingspunt 23 °C of laer, N.A.G.	1866	2 W E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, toksies; ontbrandingspunt hoër as 23 °C, N.A.G.	1866	2 W	Vlambare vloeistof
Heksaan en sy isomere	1208	3 ☒ Y E	Vlambare vloeistof
Heksachloorbenseen (perchloorbenseen)	2729	3 ☒ Z	Gifstof
Heksadekieltrichloorsilaan	1781	4 X E	Bytstof
Heksadien	2458	3 ☒ Y E	Vlambare vloeistof
Heksafluoorfosforsuur	1782	2 X E	Bytstof
Heksafluoorpropileen	1858	2 X E	Giftige gas
Heksaldehyd	1207	3 ☒ Y	Vlambare vloeistof
Heksametiendeendiamienoplossing	1783	2 R	Bytstof
Heksanole	2282	3 ☒ Y	Vlambare vloeistowwe
Heks-1-een	2370	3 ☒ Y E	Vlambare vloeistof
Heksieltrichloorsilaan	1784	4 X E	Bytstof
Helium, saamgepers	1046	2 ☒ T	Nie-vlambare saamgeperste gas
Helium, verkoelde vloeistof	1963	2 R	Nie-vlambare saamgeperste gas
Hendekaan	2330	3 Y	Vlambare vloeistof
Heptaan en sy isomere	1206	3 ☒ Y E	Vlambare vloeistowwe
N-Hepteen	2278	3 ☒ Y E	Vlambare vloeistof
Hidrasien, watervry en sy waterige oplossing wat meer as 64 % hidrasien per massa bevat	2029	2 P E	Bytstof
Hidrasienhidraat en waterige oplossing van hidrasien wat hoogstens 64 % hidrasien per massa bevat	2030	2 P	Bytstof
Hidrokinoon (1,4-benseendiol; kinol; hidrokinol; p-dihidroksibenseen)	2662	2 Z	Gifstof
Hipochloriet, oplossings wat meer as 5 % beskikbare chloor bevat	1791	2 R	Bytstof
Insekdodergasse, toksies, N.A.G.	1967	2 W E	Giftige gas
Isobutaan en isobutaanmengsels	1969	2 W E	Vlambare gas
Isobutanol (isobutiëlkohol)	1212	3 ☒ Y	Vlambare vloeistof
Isobutiëlamien	1214	2 W E	Vlambare vloeistof
Isobutiëlasetaat	1213	3 ☒ Y E	Vlambare vloeistof
Isobutiëlisobutiraat	2528	3 ☒ Y	Vlambare vloeistof
Isobutiëlmetakrilaat	2283	3 ☒ Y	Vlambare vloeistof
Isobutieraldehyd (isobutiëlaldehyd)	2045	3 W E	Vlambare vloeistof
Isobutileen (isobuteen)	1055	2 W E	Vlambare gas
Isobutironitriël	2284	3 W E	Vlambare vloeistof
Isododekaan (pentamiëlheptaan)	2286	3 ☒ Y	Vlambare vloeistof
Isoforoon	7004	3 ☒ Z	Ander gevaarhoudende stof
Isoforoondiamien	2289	2 R	Bytstof
Isoheksien	2288	3 ☒ Y E	Vlambare vloeistof
Isohepteen	2287	3 ☒ Y E	Vlambare vloeistof
Isononanoëlperoksied, tegnies suiwer of in oplossing	2128	2 W E	Organiese peroksied
Isoökteen	1216	3 ☒ Y E	Vlambare vloeistof
Isopenteen	2371	3 ☒ Y E	Vlambare vloeistof
Isopreen, geïnhibeer	1218	3 ☒ Y E	Vlambare vloeistof
Isopropanol (isopropiëlkohol)	1219	2 ☒ S E	Vlambare vloeistof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Isopropenielasetaat	2403	3 Y E	Vlambare vloeistof
Isopropenielbenseen (alfa-metielstireen); (2-fenielpropeen)	2303	3 Y	Vlambare vloeistof
Isopropielasetaat	1220	3 Y E	Vlambare vloeistof
Isopropielbenseen (kumeen)	1918	3 Y	Vlambare vloeistof
Isopropielformiaat	2408	3 Y E	Vlambare vloeistof
Isopropielnitraat	1222	3 Y E	Vlambare vloeistof
Isopropielamien	1221	2 W E	Vlambare vloeistof
Jodiummonochloried	1792	2 P E	Bytstof
Kaliumbifluoried	1811	2 X	Bytstof
Kaliumfluoried	1812	2 Z	Gifstof
Kaliumhidroksiedoplossing (bytpotas)	1814	2 R	Bytstof
Kaliumhidroksied, vaste stof	1813	2 R	Bytstof
Kaliummetaal	2257	4 W	Stowwe wat in kontak met water vlambare gasse afgee
Kaliumnitraat (salpeter)	1486	1 T	Oksiderende stof, uitgesonderd orga- niese peroksied
Kalsiumsianied	1680	4 X	Gifstof
Kaliumsulfaat, gehidrateer, wat 30 % of meer kristallasiewater bevat	1847	2 X	Bytstof
Kalsiumhipochloriet, droog, insluitende mengsels wat meer as 39 % beskikbare chloor (8,8 % suurstof) bevat	1748	2 P E	Oksiderende stof, uitgesonderd orga- niese peroksied
Kalsiumkarbid (karbidkalsium)	1402	4 Y	Stowwe wat in kontak met water vlambare gasse afgee
Kalsiumnitraat	1454	1 T	Oksiderende stof, uitgesonderd orga- niese peroksied
Kamferolie	1130	3 Y	Vlambare vloeistof
Karbamaatplaagdoders (verbindings en bereidings), toksies, N.A.G., mengbaar met water, insluitende Ethiofencarb en Yaltox	2757	2 W	Gifstowwe
Karbamaatplaagdoders (verbindings en bereidings), toksies, N.A.G., nie mengbaar met water nie	2757	3 W	Gifstowwe
Karbamaatplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G., ontbrandingspunt onder 32 °C, mengbaar met water, insluitende Croneton	2758	2 W E	Gifstowwe
Karbamaatplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G., ontbrandingspunt onder 32 °C, nie mengbaar met water nie	2758	3 W E	Gifstowwe
Karbonielfluoried	2417	2 P E	Giftige gas
Karbonielsulfied (koolstofoksiesulfied)	2204	2 W E	Vlambare gas
Keroseen (paraffien)	1223	3 Y	Vlambare vloeistof
Kinolien	2656	3 Z	Gifstof
Koolstofdioksied	1013	2 E	Nie-vlambare saamgeperste gas
Koolstofdioksied-en-distikstofoksiedmengsels	1015	2 R E	Nie-vlambare saamgeperste gas
Koolstofdioksied-en-etileenoksiedmengsels wat hoogstens as 17 % etileenoksied bevat	1952	2 P E	Vlambare gas
Koolstofdioksied-en-etileenoksiedmengsels wat hoogstens as 10 % koolstofdioksied bevat	1041	2 P E	Vlambare gas
Koolstofdioksied-en-suurstofmengsels	1014	2 S	Nie-vlambare saamgeperste gas
Koolstofdioksied (koolstofanhidried) verkoelde vloeistof	2187	2 X E	Nie-vlambare saamgeperste gas
Koolstofdisulfied (koolstofbisulfied)	1131	3 W E	Vlambare vloeistof
Koolstofmonoksied	1016	2 S E	Vlambare gas
Koolstofmonoksied/waterstofmengsels (Fischer Tropsch-gas; sintesegas; Blau-gas; watergas)	2600	2 S E	Gasse, saamgepers, vloeibaar of oplosbaar onder druk
Koolstoftetrachloried	1846	2 Z	Gifstof
Koolwaterstofgasse en mengsels van sodanige gasse, saamgepers, N.A.G.	1964	2 S E	Vlambare gas
Koolwaterstofgasse en mengsels van sodanige gasse, vloeibaar, N.A.G.	1965	2 W E	Vlambare gas

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Kresielsuur.....	2022	2 X	Gifstof
Kresole (orto-meta- en para-).....	2076	2 X	Gifstowwe
Krypton, saamgepers.....	1056	2 T	Nie-vlambare saamgeperste gas
Krypton, verkoelde vloeistof.....	1970	2 R E	Nie-vlambare saamgeperste gas
Krotonaldehyd, gestabiliseer (beta-metielakroleien; 2-butanol krotonaldehyd)	1143	2 W E	Vlambare vloeistof
Krotonileen.....	1144	3 Y E	Vlambare vloeistof
Kumeenhidroperoksied, tegnies suiwer.....	2116	2 W	Organiese peroksied
Litiumhidroksiedmonohidraat.....	2680	2 R	Bytstof
Litiumhidroksiedoplossing.....	2679	2 R	Bytstof
Loodsulfaat wat meer as 3% vry suur bevat.....	1794	2 X	Bytstof
Lug, saamgepers.....	1002	2 T	Nie-vlambare saamgeperste gas
Lug, verkoelde vloeistof.....	1003	2 P	Nie-vlambare saamgeperste gas
Maleïensuuranhydried.....	2215	2 X	Bytstof
Merkaptaan en mengsels, vloeistof, N.A.G.....	1228	3 Y E	Vlambare vloeistof
Mesitieloksied.....	1229	3 W	Vlambare vloeistof
Metaan en natuurlike gasse met 'n hoë metaaninhoud, saamgepers.....	1971	2 S E	Vlambare gas
Metaan en natuurlike gasse met 'n hoë metaaninhoud, verkoelde vloeistof.....	1972	2 W E	Vlambare gas
Metakrielsuur, geïnhibeer.....	2531	3 X	Bytstof
Metanol (metielalkohol; houtalkohol; colombiaanse spiritus).....	1230	2 P E	Vlambare vloeistof
Metielaktrilaat, geïnhibeer.....	1919	3 W E	Vlambare vloeistof
Metielamiasetaat.....	1233	3 Y	Vlambare vloeistof
Metielamien, watervry.....	1061	2 P E	Vlambare gas
Metielamien, waterige oplossing.....	1235	2 P E	Vlambare vloeistof
Metielasetaat.....	1231	2 S E	Vlambare vloeistof
Metielasetileen gemeng met 15% tot 20% propadieen.....	1060	2 W E	Vlambare gas
Metielasetoon.....	1232	2 W E	Vlambare vloeistof
Metielbromied (broommetaan).....	1062	2 X E	Giftige gas
2-Metiel-1-Buteen.....	2459	3 Y E	Vlambare vloeistof
2-Metiel-2-Buteen.....	2460	3 Y E	Vlambare vloeistof
Metielbutiraat.....	1237	3 Y E	Vlambare vloeistof
Metielchloried (chloormetaan).....	1063	2 W E	Vlambare gas
Metielchloorasetaat.....	2295	2 W	Vlambare vloeistof
Metielchloorformiaat (metielchloorkarbonaat).....	1238	3 W E	Vlambare vloeistof
Metielchloormetieleter (chloormetiel-metieleter).....	1239	3 W E	Vlambare vloeistof
Metielchloorsilaan.....	2534	4 W E	Vlambare vloeistof
Metieldichloorsilaan.....	1242	4 W E	Vlambare vloeistof
Metielformiaat.....	1243	2 S E	Vlambare vloeistof
2-Metielfuraan.....	2301	3 Y E	Vlambare vloeistof
5-Metielheksaan-2-on.....	2302	3 Y	Vlambare vloeistof
Metielhidrasien.....	1244	2 W E	Vlambare vloeistof
Metielisobutielkarbinool (metielamienalkohol M.I.B.C. 4-metielpentaaan-2-ol)	2053	3 Y	Vlambare vloeistof
Metielisobutielketoon.....	1245	3 Y E	Vlambare vloeistof
Metielisopropenielketoon, geïnhibeer.....	1246	3 W E	Vlambare vloeistof
Metielisosianaat en oplossings.....	2480	3 W E	Vlambare vloeistof
Metielmerkaptaan.....	1064	2 W E	Vlambare gas
Metielmetakrilaatmonomeer, geïnhibeer.....	1247	3 Y E	Vlambare vloeistof
Metielpentaaan.....	2462	3 Y E	Vlambare vloeistof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Metielpentadien.....	2461	3 ☒ Y E	Vlambare vloeistof
Metielpropielketoon.....	1249	3 ☒ Y E	Vlambare vloeistof
Metielpropionaat.....	1248	3 ☒ Y E	Vlambare vloeistof
Metielsianied (asetonitriël).....	1648	2 W E	Gifstof
Metielsikloheksaan.....	2296	3 ☒ Y E	Vlambare vloeistof
Metielsikloheksanole (heksahidrometielfenool; heksahidrokresool) met 'n ontbrandingspunt laer as 141 °F (60,5 °C).....	2617	3 ☒ Y	Vlambare vloeistowwe
Metielsikloheksanoon.....	2297	3 Y	Vlambare vloeistof
Metielsiklopentaan.....	2298	3 ☒ Y E	Vlambare vloeistof
Metieltetrahidrofuraan.....	2536	2 ☒ S E	Vlambare vloeistof
Metieltrichlorosilaan.....	1250	4 W E	Vlambare vloeistof
Metielvinielketoon.....	1251	2 P E	Vlambare vloeistof
Metilal.....	1234	2 ☒ Y E	Vlambare vloeistof
Metileen bis (fenileen diisosianaat).....	2489	2 X	Gifstof
4-Metoksi-4-metielpentaan-2-oon.....	2293	3 ☒ Y	Vlambare vloeistof
Mieresuur.....	1779	2 R	Bytstof
Monochloordifluormonobroommetaan.....	1974	2 R E	Nie-vlambare saamgeperste gas
Morfolien (tetrahydro-1,4-oksasien).....	2054	2 P	Vlambare vloeistof
Motorpetrol-antiklopengsels (etielfluïed).....	1649	2 X E	Gifstof
Motorspiritus (insluitende gasolien of petrol).....	1203	3 ☒ Y E	Vlambare vloeistof
Nafta (koolteer, ongesuiwer en oplosser).....	2553	3 ☒ Y E	Vlambare vloeistof
Naftaleen, gesmelt.....	2304	1 X	Vlambare vaste stof
Naftaleen (kreosootsoute), ongesuiwer of gesuiwer.....	1334	2 Z	Vlambare vaste stof
Nafta, oplosmiddel.....	1256	3 W	Vlambare vloeistof
Nafta, petroleum.....	1255	3 ☒ Y E	Vlambare vloeistof
Naftielamien (alfa).....	2077	2 X	Gifstof
Natriumaluminaatoplossing.....	1819	2 R	Bytstof
Natriumchloriet.....	1496	2 R	Oksiderende stof, uitgesonderd orga- niese peroksied
Natriumchlorietoplossing wat meer as 5 % beskikbare chloor bevat.....	1908	2 R	Bytstof
Natriumhidroksiedoplossing (bytsoda, geen vloeistof, natriumhidraat, loog).....	1824	2 R	Bytstof
Natriumhidroksied, vaste stof.....	1823	2 R	Bytstof
Natrium, metaal.....	1428	4 W	Stowwe wat in aanraking met water vlambare gasse vrylaat
Natriummetaaldispersie in organiese vloeistof.....	1429	4 W	Stowwe wat in aanraking met water vlambare gasse vrylaat
Natriummetailaatoplossing in alkohol.....	1289	2 P E	Vlambare vloeistof
Natriummonoksied.....	1825	2 R	Bytstof
Natriumnitraat (chilisalpeter).....	1498	1 ☒ T	Oksiderende stof, uitgesonderd peroksied
Natriumnitraat- en kaliumnitraatmengsels.....	1499	1 ☒ T	Oksiderende stof, uitgesonderd peroksied
Natriumnitriet.....	1500	1 Z	Oksiderende stof, uitgesonderd peroksied
Natriumsianied.....	1689	4 X	Gifstof
Natriumsulfaat, gehidrateer, met ten minste 30 % water.....	1849	2 R	Bytstof
Natriumsuperoksied.....	2547	4 W	Oksiderende stof, uitgesonderd peroksied
Natriumwaterstofsulfaat wat meer as 3 % vry suur bevat.....	1821	2 R	Bytstof
Natriumwaterstofsulfied, vaste stof.....	2318	2 R	Spontaan ontvlambare stof
N-Butielmetakrilaat.....	2227	3 ☒ Y E	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
N-Butielperioksidikarbonaat, maksimum konsentrasie 52 % in oplossing	2169	2 W E	Vlambare vloeistof
N-Dekaan	2247	3 Y	Vlambare vloeistof
Neon, saamgepers	1065	2 T	Nie-vlambare saamgeperste gas
Neon, verkoelde vloeistof	1913	2 R	Nie-vlambare saamgeperste gas
Nikkelkarboniel	1259	4 W E	Vlambare vloeistof
Nitrate, anorganies, N.A.G.	1477	1 T	Oksiderende stowwe, uitgesonderd peroksied
Nitrate van soda en potas, mengsels	1478	1 T	Oksiderende stowwe, uitgesonderd peroksied
Nitrobenseen (nitrobensool; mirbaanolie)	1662	2 X	Gifstof
Nitrobenseensulfoonsuur	2305	2 R	Bystof
Nitrohidrochloorsuur (waterstofmuraatsuur)	1798	2 R	Bystof
Nitrokresole	2446	2 X	Gifstowwe
Nitrometaan	1261	2 Y E	Vlambare vloeistof
Nitrosielchloried	1069	2 R E	Giftige gas
Nitrosielswaelsuur	2308	4 W E	Bystof
Nitrotoluidiene (mono)	2660	2 Z	Gifstof
Nitroxilene	1665	2 X	Gifstowwe
N,N-dimetielformamied	2265	2 P	Gifstowwe
Nonaan en sy isomere	1920	3 Y	Vlambare vloeistowwe
Nonieltrichloorsilaan	1799	4 X E	Bystof
O-Dichloorbenseen (ortodichloorbenseen)	1591	2 Z	Gifstof
Oktaan en sy isomere	1262	3 Y E	Vlambare vloeistowwe
Oktadekieltrichloorsilaan	1800	4 X E	Bystof
Oktafluorsiklobutaan	1976	2 R E	Nie-vlambare saamgeperste gas
Oliegas	1071	2 S E	Vlambare gas
Oktieltrichloorsilaan	1801	4 X E	Bystof
Organofosforplaagdoders (verbindings en bereidings), toksies, N.A.G., vaste stowwe en vloeistowwe nie mengbaar met water, insluitende disulfuton, (dimeton-5-metiel)	2783	3 W	Gifstof
Organofosforplaagdoders (verbindings en bereidings), toksies, N.A.G., vaste stowwe en watermengbare vloeistowwe, insluitende Disyston, Folimat	2783	2 W	Gifstowwe
Organofosforplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G., ontbrandingspunt laer as 32 °C, nie-mengbaar met water	2784	3 W E	Gifstowwe
Organofosforplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G., ontbrandingspunt laer as 32 °C, mengbaar met water, insluitende Metasystox 55	2784	2 W E	Gifstowwe
Ortoanisidien	2431	3 X	Gifstof
Paraldehid	1264	2 S E	Vlambare vloeistof
Pentaaan-2,4-dioon	2310	2 S	Vlambare vloeistof
N-pentaaan en isopentaaan	1265	3 Y E	Vlambare vloeistof
Perchloorsuur met 'n suurkonsentrasie wat nie 50 % per massa oorskry nie	1802	2 P	Bystof
Perchloorsuur met meer as 50 % suur, maar hoogstens 72 % suurkonsentrasie per massa	1873	2 P	Oksiderende stof, uitgesonderd organiese peroksied
Petroleumbrandstof (Kyk nota 2) (2) Hierdie stof sluit nie butaan, butaanmengsels, koolwaterstofgasse en mengsels van sodanige gasse, N.A.G., of propaan in nie.	1270	3 Y E	Vlambare vloeistof
Petroleumdistillate, N.A.G., met 'n benseeninhoud van minder as 5 % (Kyk nota 1) (1) Wanneer benseeninhoud 5 persent of meer is, gebruik die inskrywing vir benseen.	1268	3 Y E	Vlambare vloeistof
Petroleumgasse, vloeibaar	1075	2 W E	Vlambare gas
Petroleum-ru-olie	1267	3 W E	Vlambare vloeistof
Petroleumspiritus (bensoleen; petroleumeter)	1271	3 Y E	Vlambare vloeistof
Pikoliene (metielpiridien)	2313	2 S	Vlambare vloeistowwe

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Pinaanhidroperoksied, tegnies suiwer.....	2162	2 W E	Organiese peroksied
Piperidien	2401	2 W E	Vlambare vloeistof
Piridien	1282	2 W E	Vlambare vloeistof
Pirosulfurielchloried.....	1817	4 W E	Bytstof
Pirrolidien.....	1922	2 S E	Vlambare vloeistof
p-Metaanhidroperoksied, tegnies suiwer	2125	3 W E	Organiese peroksied
Poligechlorineerde bifeniele.....	2315	4	Ander giftowwe
Polistreenkorrels, uitdybaar, wat vlambare vloeistof bevat	2211	3 ☒	Ander gevaarlike stof
Propaan.....	1978	2 W E	Vlambare gas
Propaantiole	2402	3 W E	Vlambare vloeistowwe
Propadieen (alleen)	2200	2 W E	Vlambare gas
Propanol (propielalkohol).....	1274	2 ☒ E	Vlambare vloeistof
Propielamien (monopropielamien)	1277	2 W E	Vlambare vloeistof
Propielasetaat, normaal	1276	3 ☒ E	Vlambare vloeistof
Propielbenseen	2364	3 ☒	Vlambare vloeistof
Propielchloried	1278	3 ☒ E	Vlambare vloeistof
Propielformiate.....	1281	3 ☒ E	Vlambare vloeistof
Propielnitraat, normaal	1865	2 W E	Vlambare vloeistof
Propieltrichlorosilaan.....	1816	4 W E	Bytstof
Propileen (propeen).....	1077	2 W E	Vlambare gas
Propileendiamien	2258	2 P	Vlambare vloeistof
Propileendichloried	1279	2 Y E	Vlambare vloeistof
Propileenimien geïnhibeër.....	1921	2 W E	Vlambare vloeistof
Propileenoksied	1280	2 P E	Vlambare vloeistof
Propionaldehyd	1275	2 Y E	Vlambare vloeistof
Propionchloried	1815	2 P E	Bytstof
Propionitriël	2404	2 W E	Vlambare vloeistof
Propionsuur.....	1848	2 P	Bytstof
Remolie, hidroulies.....	1118	3 ☒	Vlambare vloeistof
Salpetersuur, uitgesonderd rooi rokende salpetersuur	2031	2 P E	Bytstof
Salpetersuur, rooi, rokend	2032	2 P E	Bytstof
Sekondêre butanol (sekondêre butielalkohol).....	1121	2 ☒	Vlambare vloeistof
Sekondêre butielasetaat	1124	3 ☒ E	Vlambare vloeistof
Seleensuur	1905	2 X	Bytstof
Sesiumhidroksied	2682	2 R	Bytstof
Sesiumhidroksiedoplossing.....	2681	2 R	Bytstof
Sianiedoplossings	1935	2 X	Gifstowwe
Sianogeenchloried	1589	2 W E	Giftige gas
Siklobutaan (Tetrametileen).....	2601	3 W E	Gas, saamgepers, vloeibaar of oplos- baar onder druk
Sikloheksaan.....	1145	3 ☒ E	Vlambare vloeistof
Sikloheksanoon	1915	3 ☒	Vlambare vloeistof
Siklohekseen.....	2256	3 ☒ E	Vlambare vloeistof
Siklohekseniëltrichloor-silaan.....	1762	4 X E	Bytstof
Sikloheksielamien	2357	3 W E	Vlambare vloeistof
Sikloheksielasetaat.....	2243	3 ☒	Vlambare vloeistof
Sikloheksieltrichloor-silaan	1763	4 X E	Bytstof
Sikloheptaan.....	2241	3 ☒ E	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Siklohepteen	2242	3 ☒ Y E	Vlambare vloeistof
Sikloöktadien	2520	3 ☒ Y	Vlambare vloeistof
Siklopentaan	1146	3 ☒ Y E	Vlambare vloeistof
Siklopentanol	2244	3 ☒ Y	Vlambare vloeistof
Siklopentanoon	2245	3 ☒ Y	Vlambare vloeistof
Siklopenteen	2246	3 ☒ Y E	Vlambare vloeistof
Siklopropaan, vloeibaar	1027	2 W E	Vlambare gas
Silaan (waterstofsilisië)	2203	2 S E	Vlambare gas
Silikontrachloried (silikonchloried)	1818	4 W E	Bytstof
Silikonetrafluoried	1859	2 P E	Giftige gas
p-Simeen (simool; metielpropielbenseen; isopropieltolueen; isopropieltolool)	2046	3 ☒ Y	Vlambare gas
Sinkchloriedoplossing	1840	2 R	Bytstof
Skalieolie	1288	3 W E	Geen
Soutsuur (kommersiële soutsuur) in oplossing	1789	2 R	Bytstof
Steenkoolgas	1023	2 S E	Vlambare gas
Steenkoolteerdistillaat met 'n ontbrandingspunt van hoogstens 32 °C (90 °F)	1136	3 W E	Vlambare vloeistof
Steenkoolteerdistillaat met 'n ontbrandingspunt bo 32 °C (90 °F) maar onder 61 °C (141 °F)	1137	3 W	Vlambare vloeistof
Stikstofdiksied (stikstoftetroksied), vloeibaar	1067	2 R E	Giftige gas
Stikstofoksied	1660	2 R E	Geen
Stikstofoksied- en stikstoftetroksiedmengsels	1975	2 R E	Giftige gas
Stikstof, saamgepers	1066	2 ☒ T	Geen
Stikstoftrifluoried	2451	2 P E	Giftige gas
Stikstof, verkoelde vloeistof	1977	2 R E	Geen
Stireenmonomeer, geïnhibeer (sinnameen; sennamol; feniletileen of vinilbenseen)	2055	3 ☒ Y	Vlambare vloeistof
Sulfurielchloried	1834	4 W E	Bytstof
Suurbutielfosfaat	1718	2 X	Bytstof
Suurmengsel, nitreersuur	1796	4 W E	Bytstof
Suurmengsels (nitreersuur), uitgewerk, vry van ploffstowwe	1826	2 P	Bytstowwe
Suurmengsels (waterstoffluoried en swaelsure)	1786	4 W E	Bytstowwe
Suurstofdifluoried	2190	2 P E	Giftige gas
Suurstof, saamgepers	1072	2 ☒ S	Nie-vlambare saamgeperste gas
Suurstof, verkoelde vloeistof	1073	2 P E	Nie-vlambare saamgeperste gas
Swael	1350	2 ☒ Z	Vlambare vaste stof
Swaelchloriede (swaeldichloried; swaelmonochloried)	1828	2 R E	Bytstowwe
Swaeldioksied, vervloei	1079	2 R E	Giftige gas
Swaelheksafluoried	1080	2 R E	Nie-vlambare saamgeperste gas
Swaeligsuur	1833	2 R	Bytstof
Swael (gesmelt)	2448	2 X	Vlambare vaste stof
Swaeluur	1830	2 P	Bytstof
Swaeluur, rokend	1831	4 W E	Bytstof
Swaeluur (uitgewerk)	1832	2 P	Bytstof
Swaeltetrafluoried	2418	2 P E	Giftige gas
Swaeltrioksied, geïnhibeer	1829	4 W E	Bytstof
Teervloeistowwe, insluitende padasfalt en -olies; bitumen	1999	2 W	Vlambare vloeistowwe
Terpeenkoolwaterstowwe, N.A.G.	2319	3 ☒ Y	Vlambare vloeistof
Terpentyn	1299	3 ☒ Y	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Terpentynvervangingsmiddel (witspiritus)	1300	3 Y	Vlambare vloeistof
Tersiëre butanol (tersiëre butielalkohol)	1122	2 S E	Vlambare vloeistof
Tetrachlooretaan (asetileen-tetrachloried)	1702	2 X E	Gifstof
Tetrachlooretileen (perchlooretileen)	1897	2 Z	Gifstof
Tetraetiel-silikaat (etielsilikaat)	1292	3 Y	Vlambare vloeistof
Tetrafluoretileen, geïnhibeer	1081	2 E E	Nie-vlambare saamgeperste gas
Tetrafluormetaan	1982	2 T E	Nie-vlambare saamgeperste gas
1,2,3,6-Tetrahidrobensaldehid	2498	3 Y	Vlambare vloeistof
Tetrahidrofuraan	2056	2 S E	Vlambare vloeistof
Tetrametielammoniumhidroksied	1835	2 R	Bytstof
Tinchloried, watervry (tintetrachloried; rokende tinchloried)	1827	4 W E	Bytstof
Tiofosforielchloried (fosforigsulfochloried)	1837	4 X E	Bytstof
Tioglikol-suur	1940	2 X	Bytstof
Tionielchloried	1836	4 W E	Bytstof
Tiopeen	2414	3 W E	Vlambare vloeistof
Titaantetrachloried	1838	4 W E	Bytstof
Touleen (toluool)	1294	3 Y E	Vlambare vloeistof
Tolueendiisosianaat (tolileendiisosianaat)	2078	2 X E	Gifstof
Toluidiene	1708	3 X	Gifstowwe
2,4-Toluleendiamien	1709	2 X	Gifstof
Triallielamien	2610	3 Y	Vlambare vloeistof
Trichloorasynsuur	1839	2 R	Bytstof
Trichlooretileen	1710	2 Z	Gifstof
Trichloorsilaan	1295	4 W E	Stof wat in kontak met water vlambare gas vrylaat
Triëtielamien	1296	3 W E	Vlambare vloeistof
Triëtileendiamien	2675	2 R	Bytstof
Triëtleentetramien	2259	2 R	Bytstof
Trifluorchlooretileen	1082	2 W E	Vlambare gas
Trifluoretaan, vlambare saamgeperste gas	2035	2 W E	Vlambare gas
Trifluormetaan	1984	2 R E	Nie-vlambare saamgeperste gas
Trisobutileen	2324	3 Y	Vlambare vloeistof
Trimetielamien, watervry	1083	2 P E	Vlambare gas
Trimetielamien, waterige oplossings wat hoogstens 30 % trimetielamien bevat	1297	2 P E	Vlambare vloeistof
1,3,5-Trimetielbenseen	2325	3 Y	Vlambare vloeistof
Trimetielboraat	2416	2 S	Vlambare vloeistof
Trimetielchloorsilaan	1298	4 W E	Vlambare vloeistof
3,3,5-Trimetielheksametileendiamien	2327	2 R	Bytstof
Trimetielfosfiet	2329	3 Y	Vlambare vloeistof
Tripropielamien	2260	3 W	Vlambare vloeistof
Tripropileen (propileentriemer)	2057	3 Y	Vlambare vloeistof
Valeraldehid (amielaldehid; pentanaal; valeral; N-valeraldehid; valeriaanaldehid; isovaleraldehid)	2058	3 Y	Vlambare vloeistof
Vinielasetaat, geïnhibeer	1301	3 Y E	Vlambare vloeistof
Vinielbromied, geïnhibeer	1085	3 Y E	Vlambare gas
Vinielchloried, geïnhibeer	1086	2 W E	Vlambare gas
Vinieletieleter, geïnhibeer	1302	3 Y E	Vlambare vloeistof
Vinielfluoried, geïnhibeer	1860	2 W E	Vlambare gas

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Vinielideenchloried, geïnhibeer	1303	3 Y E	Vlambare vloeistof
Vinielisobutieleter, geïnhibeer	1304	3 Y E	Vlambare vloeistof
Vinielmetieleter, geïnhibeer	1087	2 W E	Vlambare gas
Vinieltolueen (metielstireen; metielvinielbenseen; tolieletileen) gemengde isomere, geïnhibeer	2618	3 Y	Vlambare vloeistof
Vinieltrichloorsilaan, geïnhibeer	1305	4 W E	Vlambare vloeistof
Vloeibare nie-vlambare gasse gevul met stikstof, koolstofdiksied of lug ...	1058	2 R	Nie-vlambare saamgeperste gas
Warfarien	2476	1 Z	Gifstof
Waterstofbromied, watervry	1048	2 R E	Giftige gas
Waterstofbromiedsuur (waterstofbromiedoplossing)	1788	2 R	Bytstof
Waterstofchloried, watervry	1050	2 R E	Giftige gas
Waterstofchloried, verkoelde vloeistof	2186	2 R E	Giftige gas
Waterstof en metaanmengsel (vlambare saamgeperste gas)	2034	W S E	Vlambare gas
Waterstoffluoried, watervry	1052	4 W E	Giftige gas
Waterstoffluoriedsuuroplossing (fluoor-suur; waterstoffluoriedoplossing) wat 60 % of meer waterstoffluoried bevat	1790	4 W E	Bytstof
Waterstoffluoriedoplossing wat minder as 60 % waterstoffluoried bevat	1790	2 P E	Bytstof
Waterstofjodiedsuur (waterstofjodiedoplossings)	1787	2 R	Bytstof
Waterstofperoksied en sy waterige oplossings, gestabiliseer, wat meer as 60 % waterstofperoksied bevat	2015	2 P E	Oksiderende stof, uitgesonderd organiese peroksied
Waterstofperoksied, waterige oplossings wat ten minste 8 % en hoogstens 60 % waterstofperoksied (gestabiliseer na gelang dit nodig is) bevat	2014	2 P	Oksiderende stof, uitgesonderd organiese peroksied
Waterstof, saamgepers	1049	2 S E	Vlambare gas
Waterstofselenied (hidroseleensuur), watervry	2202	2 P E	Vlambare gas
Waterstofsianiedsuur, waterige oplossings wat hoogstens 20 % van die stof bevat	1613	2 W E	Gifstof
Waterstofsianied (waterstofsianiedsuur), watervry, gestabiliseer	1051	2 W E	Giftige gas
Waterstofsianied (waterstofsianiedsuur), watervry, gestabiliseer, geabsorbeer in 'n poreuse, onaktiewe materiaal	1614	2 W E	Gifstof
Waterstofsulfied (gesulfureerde waterstof), vloeibaar	1053	2 W E	Vlambare gas
Waterstof, verkoelde vloeistof	1966	2 W E	Vlambare gas
Ysasynsuur (meer as 90 % per gewig)	1842	2 P	Vlambare vloeistof
Xenon	2036	2 T E	Nie-vlambare saamgeperste gas
Xileen (Xilol)	1307	3 Y	Vlambare vloeistof
Xilenol	2261	2 X	Gifstof
Xilidien	1711	3 X	Gifstof

ANNEXURE 1

PART II

ALTERNATIVE SUBSTANCE IDENTIFICATION NUMBERS AND EMERGENCY ACTION CODES FOR CERTAIN SUBSTANCES

Where any of the substances reflected in column 1 below are being conveyed, the substance identification number and emergency action code corresponding thereto in columns 2 and 3 respectively may be used as an alternative to those reflected in Part I of this Annexure.

1 Substance	2 Alternative substance identification number	3 Alternative emergency action code
Turpentine substitute	1268	3 Y E
Gas oil	1270	3 Y E
Petrol	1270	3 Y E
Kerosene	1270	3 Y E

AANHANGSEL 1

DEEL II

ALTERNATIEWE STOFIDENTIFIKASIENOMMERS EN NOODHANDELINGSKODE VIR SEKERE STOWWE

Indien enige van die stowwe vervoer word wat in kolom 1 hieronder gelys word, kan die stofidentifikasienommer en die noodhandelingskode daarteenoor aangedui en onderskeidelik kolom 2 en 3 gebruik word as 'n alternatief vir die wat in Deel I van hierdie Aanhangel verskyn.

1 Stof	2 Alternatiewe stof-identifikasie-nummer	3 Alternatiewe noodhandelings-kode
Terpentynervangingsmiddel (witspiritus)	1268	3 Y E
Gasolie	1270	3 Y E
Petroleumbrandstof	1270	3 Y E
Keroseen (paraffien)	1270	3 Y E

PART III

INTERPRETATION OF COLUMN 3 IN PARTS I AND II OF THIS ANNEXURE

1. The number reflected in an emergency action code indicates the equipment suitable for fire-fighting and where appropriate for dispersing spillages, as shown below:

- "1" water jets
- "2" water fog
- "3" foam
- "4" dry agent

Notes:

- (1) In the absence of fog equipment, a fine spray of water may be used.
- (2) Dry agent—contact between these substances and water is hazardous.

2. The first letter of an emergency action code indicates the appropriate precautions in the event of a fire of a spillage, as indicated by the table below:

Letter	Danger of violent reaction or explosion	Protective clothing and breathing apparatus	Appropriate measures
P	Yes	Full protective clothing	Dilute
R	Yes	Full protective clothing	Dilute
S	Yes	Breathing apparatus	Dilute
<u>S</u>	Yes	Breathing apparatus for fire only	Dilute
T	No	Breathing apparatus	Dilute
<u>T</u>	No	Breathing apparatus for fire only	Dilute
W	Yes	Full protective clothing	Contain
X	No	Full protective clothing	Contain
Y	Yes	Breathing apparatus	Contain
<u>Y</u>	Yes	Breathing apparatus for fire only	Contain
Z	No	Breathing apparatus	Contain
<u>Z</u>	No	Breathing apparatus for fire only	Contain

Notes:

- (1) "Full protective clothing" includes breathing apparatus.
- (2) Where "breathing apparatus" is indicated, protective gloves are appropriate.
- (3) "Dilute" indicates that the substance may be washed to drain with a large quantity of water.
- (4) "Contain" indicates a need to avoid spillages from entering drains or water courses.
3. Where the letter "E" occurs at the end of the emergency action code, evacuation of people from the neighbourhood of an incident should be considered.

ANNEXURE 2

Regulations 1 (1) and 5

MULTI-LOAD EMERGENCY ACTION CODE

1. The multi-load emergency action code shall consist of—
- (a) a number from "1" to "4"; followed by
 - (b) a letter; followed, in certain cases, by
 - (c) the letter "E".
2. For the purposes of paragraph 3 below any of the letters "S", "T", "Y" and "Z" when shown in column 3 of Part I or Part II of Annexure 1 as a black letter on a white background shall be treated as a different letter when shown in that column as a white letter on a black background.
3. (1) The number of the multi-load emergency action code is the highest number of any occurring in the emergency action codes for each individual prescribed hazardous substance shown in column 3 of Part I or Part II of Annexure 1.
- (2) To determine the first letter of the multi-load emergency action code, take the first letter of the emergency action code for each individual substance and apply the following:
- (a) If it is the same letter in each case then that letter is the first letter of the multi-load emergency action code.

DEEL III

VERTOLKING VAN KOLOM 3 IN DEEL I EN II VAN HIERDIE AANHANGSEL

1. Die syfer in die noodhandelingskode dui die toerusting aan wat geskik is vir brandbestryding en waar van toepassing vir die dispersie van storrings:

- "1" waterstraal
- "2" watermis
- "3" skuim
- "4" droë middel

Opmerkings:

- (1) By afwesigheid van toerusting vir watermis kan 'n fyn watersproei gebruik word.
- (2) Droë middel—die aanraking van hierdie stowwe met water is gevaarlik.
2. Die eerste letter van 'n noodhandelingskode dui die toepaslike voorsorgmaatreëls aan in die geval van 'n brand of 'n storting soos hieronder:

Letter	Gevaar van geweldige reaksie of ontploffing	Skutklere en asemhalingsapparaat	Toepaslike maatreëls
P	Ja	Skutklere vir hele liggaam	Verdun
R	Ja	Skutklere vir hele liggaam	Verdun
S	Ja	Asemhalingsapparaat	Verdun
<u>S</u>	Ja	Asemhalingsapparaat slegs vir brand	Verdun
T	Nee	Asemhalingsapparaat	Verdun
<u>T</u>	Nee	Asemhalingsapparaat slegs vir brand	Verdun
W	Ja	Skutklere vir hele liggaam	Dam in
X	Nee	Skutklere vir hele liggaam	Dam in
Y	Ja	Asemhalingsapparaat	Dam in
<u>Y</u>	Ja	Asemhalingsapparaat slegs vir brand	Dam in
Z	Nee	Asemhalingsapparaat	Dam in
<u>Z</u>	Nee	Asemhalingsapparaat slegs vir brand	Dam in

Opmerkings:

- (1) "Skutklere vir hele liggaam" sluit asemhalingsapparaat in.
- (2) Waar "asemhalingsapparaat" aangedui word, is beskermende handskoene toepaslik.
- (3) "Verdun" beteken dat die stof met 'n groot hoeveelheid water in riele of waterslote afgespoel kan word.
- (4) "Dam in" dui aan dat daar voorkom moet word dat stortings in afvoerslote en waterlope beland.
3. Waar die letter "E" aan die einde van die noodhandelingskode voorkom, moet die ontruiming van mense in die nabyheid van die voorval oorweeg word.

AANHANGSEL 2

Regulasies 1 (1) en 5

MEERVRAAGNODHANDELINGSKODE

1. Die meervragnoodhandelingskode moet bestaan uit—
- (a) 'n syfer van "1" tot "4"; gevolg deur
 - (b) 'n letter, in sekere gevalle gevolg deur
 - (c) die letter "E".
2. Vir die toepassing van paragraaf 3 verskil die betekenis van die letters "S", "T", "Y" en "Z", wanneer hulle in kolom 3 van Deel I of Deel II van Aanhangsel 1 as swart letters op 'n wit agtergrond vertoon word, van die betekenis van dieselfde letters as hulle as wit letters op 'n swart agtergrond vertoon word.
3. (1) Die syfer van die meervraghandelingskode is die hoogste van die syfers wat voorkom in die noodhandelingskode vir elke afsonderlik gegroepeerde gevaarhoudende stof gelys in die derde kolom van Deel I of Deel II van Aanhangsel 1.
- (2) Ten einde die eerste letter van die meervragnoodhandelingskode te bepaal, moet die eerste letter van die noodhandelingskode van elke afsonderlike stof vergelyk word:
- (a) Indien dit dieselfde letter vir elk van die betrokke stowwe is, is daardie letter die eerste letter van die meervragnoodhandelingskode.

(b) If there are two different letters then take one of the letters and select the vertical column in the code chart in subparagraph (3) below, which is headed (on the top horizontal line) by that letter, then take the other letter and select the horizontal line of letters which has that letter in the left hand vertical column, then the letter in the square where the first mentioned vertical column and that horizontal line meet ("the resultant letter") is the first letter of the multi-load action code.

(c) If there are three different letters then take any two of them and proceed as in paragraph (b) above, then take the resultant letter and do the same again using the resultant letter and the letter for the third substance; the letter in the square where the vertical column headed (on the top horizontal line) by the resultant letter and the horizontal line of letters which has the letter for the third substance in its left hand vertical column meet will be the first letter of the multi-load action code.

(d) If there are more than three different letters proceed as above taking the resultant letter each time with one of the other letters until all the other letters have been used; the letter in the square when the last other letter is used will be the first letter of the multi-load action code.

(3) The code chart is—

	P	R	S	S	T	T	W	X	Y	Y	Z	Z
P	P	P	P	P	P	P	W	W	W	W	W	W
R	P	R	P	P	R	R	W	X	W	W	X	X
S	P	P	S	S	S	S	W	W	Y	Y	Y	Y
S	P	P	S	S	S	S	W	W	Y	Y	Y	Y
T	P	R	S	S	T	T	W	X	Y	Y	Z	Z
T	P	R	S	S	T	T	W	X	Y	Y	Z	Z
W	W	W	W	W	W	W	W	W	W	W	W	W
X	W	X	W	W	X	X	W	X	W	W	X	X
Y	W	W	Y	Y	Y	Y	W	W	Y	Y	Y	Y
Y	W	W	Y	Y	Y	Y	W	W	Y	Y	Y	Y
Z	W	X	Y	Y	Z	Z	W	X	Y	Y	Z	Z
Z	W	X	Y	Y	Z	Z	W	X	Y	Y	Z	Z

(b) Indien dit twee verskillende letters is, kies enigeen van die twee letters en soek hom in die vertikale kolom aan die linkerkant van die kodekaart in subparagraaf (3) hieronder; soek dan die tweede letter in die horisontale (dwaars) kolom boaan die kodekaart; die letter wat die snypunt vorm waar die betrokke vertikale en horisontale kolomme mekaar kruis ("die resulterende letter"), is die eerste letter van die meervrag-noodhandelingskode.

(c) Indien daar drie verskillende letters is, kies enige twee daarvan en volg die prosedure soos in paragraaf (b) hierbo beskryf; herhaal die prosedure dan met die resulterende letter en die oorblywende (derde) letter; die letter wat dan die snypunt vorm waar die vertikale en horisontale kolomme mekaar kruis, is die eerste letter van die meervrag-noodhandelingskode.

(d) Indien daar meer as drie verskillende letters is word die prosedure wat hierbo beskryf word, herhaal deur elke keer die resulterende letter saam met een van die oorblywende letters te gebruik totdat al die letters gebruik is; die resulterende letter wanneer die laaste letter gebruik is, is die eerste letter van die meervrag-noodhandelingskode.

(3) Die kodekaart is soos volg:

(4) Nothing in Annexure 2 shall be construed as authorising the carrying of any two substances in one load if it would create a danger to mix them.

(5) The letter "E" shall be included as the last letter of the multi-load action code if it occurs in the emergency action codes of any one of the substances in the multi-load.

4. Where the multi-load consists of the substances specified in subparagraph (a) of column 1 below or two or more of the substances specified in subparagraph (b) of that column then the load may be treated as if it were a single load with the substance identification number and emergency action code shown opposite in columns 2 and 3 respectively.

(4) Niks in Aanhangsel 2 moet vertolk word as sou dit die vervoer magtig van enige twee stowwe in een wag nie, indien dit gevaarlik sou wees as hulle gemeng word.

(5) Die letter "E" moet as die laaste letter van die meervrag-noodhandelingskode ingesluit word indien dit voorkom in die noodhandelingskode van enige van die stowwe in die meervrag.

4. Waar 'n meervrag uit stowwe bestaan wat gelys word in subparagraaf (a) van kolom 1 hieronder of bestaan uit twee of meer van die stowwe gelys in subparagraaf (b) van daardie kolom, kan die wag geag word 'n enkelwag te wees met die stofidentifikasienommer en die noodhandelingskode wat daarteenoor onderskeidelik in kolomme 2 en 3 verskyn.

1 Substances which may be carried using the substance identification number and emergency action code shown in columns 2 and 3	2 Substance identification number	3 Emergency action code
(a) 1300 Turpentine substitute (White spirit) 1268 Petroleum distillates, N.O.S., with a Benzene content of less than 5 %	1268	3 Y E
(b) 1202 Gas Oil 1203 Petrol 1223 Kerosene 1270 Petroleum fuel N.O.S.	1270	3 Y E

ANNEXURE 3

Regulations 1, 3, 4, 5, 6, 7 and 8

PART I

HAZARD WARNING SIGNS

1. The hazard warning signs that shall be used on hazard warning panels and compartment labels are set out in Part II of this Annexure.

2. The hazard warning sign to be displayed on a road tanker carrying a multi-load shall be the sign for "other hazardous substances and multi-loads of substances of different hazards" unless the hazard as ascertained from column 4 of Part I of Annexure 1 of each individual substance in the multi-load is the same, when it shall be the sign for the hazard.

3. Each hazard warning sign shall be in the form of a square set with its sides at an angle of 45° to the vertical and the length of the sides shall be—

(a) in the case of the signs on hazard warning panels, 200 millimetres; or

(b) in the case of signs on compartment labels, 95 millimetres.

4. Signs for hazard warning panels shall, for any part of the sign that is not black, have a border at least 5 millimetres wide.

5. The signs shall conform in colour to the table below and such colours shall conform to the specifications given in Part II of Annexure 4.

Description of sign	Symbol	Lettering	Background
Flammable liquids	Black or white	Black or white	Red
Flammable solids	Black	Black	White with vertical red stripes
Flammable gases	Black or white	Black or white	Red
Toxic gases	Black	Black	White
Non-flammable compressed gases	Black or white	Black or white	Green
Toxic substances	Black	Black	White
Harmful substances	Black	—	White
Corrosive substances	Black	White	White upper half, black lower half
Organic peroxides	Black	Black	Yellow
Oxidising substances	Black	Black	Yellow
Substances which, when in contact with water emit flammable gases	Black or white	Black or white	Blue
Spontaneously combustible substances	Black	Black or white	White upper half, red lower half
Other hazardous substances and multi-loads of different hazards	Black	—	White

1 Stowwe wat vervoer kan word deur gebruik te maak van die stofidentifikasienommer en die noodhandelingskode wat in kolom 2 en 3 verskyn	2 Stofidentifikasienommer	3 Noodhandelingskode
(a) 1300 Terpentynvervangingsmiddel (witspiritus) 1268 Petroleumdistillate, N.A.G., met 'n benseeninhoud van minder as 5 %	1268	3 Y E
(b) 1202 Gasolie 1203 Petroleumbrandstof 1223 Keroseen (paraffien) 1270 Petroleumbrandstof, N.A.G.	1270	3 Y E

AANHANGSEL 3

Regulasies 1, 3, 4, 5, 6, 7 en 8

DEEL I

GEVAARWAARSKUWINGSTEKENS

1. Die gevaarwaarskuwingstekens wat op gevaarwaarskuwingspanele en kompartement-etikette vertoon moet word, word uiteengesit in Deel II van hierdie Aanhangel.

2. Die gevaarwaarskuwingstekens wat op padtenkwaens moet verskyn, wat 'n meervrag vervoer, is die teken vir "ander gevaarhoudende stowwe en meervragte van stowwe met verskillende gevare" tensy die gevaar dieselfde is vir elke afsonderlike stof in die meervrag, volgens die vierde kolom van Deel I van Aanhangel 1 in welke geval dit die waarskuwingstekens vir daardie gevaar moet wees.

3. Elke gevaarwaarskuwingsteken moet in die vorm van 'n vierkant wees, die sye met 'n hoek van 45° met die vertikale as (diamantvorm), en die lengte van die sye moet—

(a) in die geval van tekens op gevaarwaarskuwingspanele, 200 millimeter wees; of

(b) in die geval van tekens op kompartement-etikette, 95 millimeter wees.

4. Tekens vir gevaarwaarskuwingspanele moet vir enige deel van die teken wat nie swart is nie 'n swart omlyning minstens 5 millimeter breed hê.

5. Die tekens moet voldoen aan die kleure van die tabel hieronder en sodanige kleure moet voldoen aan die spesifikasies vervat in Deel II van Aanhangel 4.

Beskrywing van teken	Simbool	Letters	Agtergrond
Vlambare vloeistowwe	Swart of wit	Swart of wit	Rooi
Vlambare vaste stowwe	Swart	Swart	Wit met vertikale rooi strepies
Vlambare gasse	Swart of wit	Swart of wit	Rooi
Giftige gasse	Swart	Swart	Wit
Nie-vlambare saamgeperste gasse	Swart of wit	Swart of wit	Groen
Gifstowwe	Swart	Swart	Wit
Skadelike stowwe	Swart	—	Wit
Bytstowwe	Swart	Wit	Boonste helfte wit, onderste helfte swart
Organiese peroksiede	Swart	Swart	Geel
Oksiderende stowwe	Swart	Swart	Geel
Stowwe wat in kontak met water vlambare gasse vrylaat	Swart of wit	Swart of wit	Blou
Spontaan vlambare stowwe	Swart	Swart of wit	Boonste helfte wit, onderste helfte rooi
Ander gevaarhoudende stowwe en meervragte met verskillende gevare	Swart	—	Wit

PART II/DEEL II

ANNEXURE 3/AANHANGSEL 3



OTHER HAZARDOUS SUBSTANCES
AND MULTI-LOADS OF SUBSTANCES
OF DIFFERENT HAZARDS

ANDER GEVAARHOUDENDE STOWWE
EN MEER VRAGTE VAN STOWWE
MET VERSKILLENDE GEVARE

ANNEXURE 4

AANHANGSEL 4

Regulations 1, 3, 4, 5, 6, 7 and 8

Regulasies 1, 3, 4, 5, 6, 7 en 8

PART I

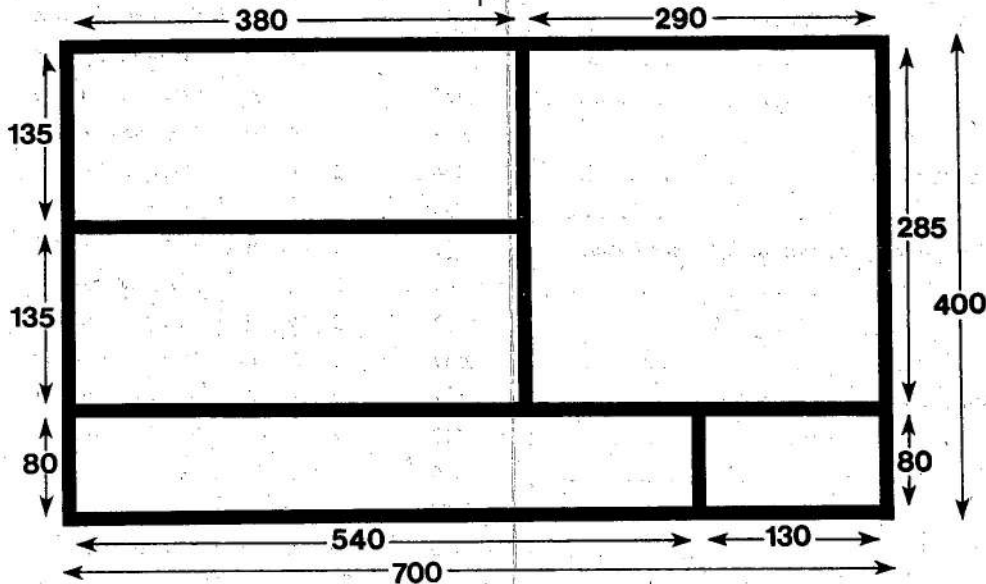
DEEL I

FORM AND SPECIFICATION OF HAZARD WARNING PANEL AND COMPARTMENT LABELS

VORM EN SPESIFIKASIE VAN GEVAARWAARSKUWINGS-PANELE EN KOMPARTEMENT-ETIKETTE

1. The form of the hazard warning panel is set out below and the spaces shall be used for the purposes indicated by the notes below:

1. Die gevaarwaarskuwingspaneel moet saamgestel word soos hieronder uiteengesit en die spasies moet gebruik word vir die doeleindes aangedui deur die opmerkings hieronder:



Notes:

- (1) Space for emergency action code.
- (2) Space for substance identification number and, if included, name of the substance or in the case of multi-loads the word "multi-load".
- (3) Space for hazard warning sign.
- (4) Space for telephone number or other approved text.
- (5) Space for optional manufacturer's or owner's name or house symbol, or both.

2. The colour of the hazard warning panel shall be orange and shall conform to the specification for that colour in Part II below, except for the space for the hazard warning sign which shall be white and the borders, internal dividing lines, words, letters and figures, which shall be black.

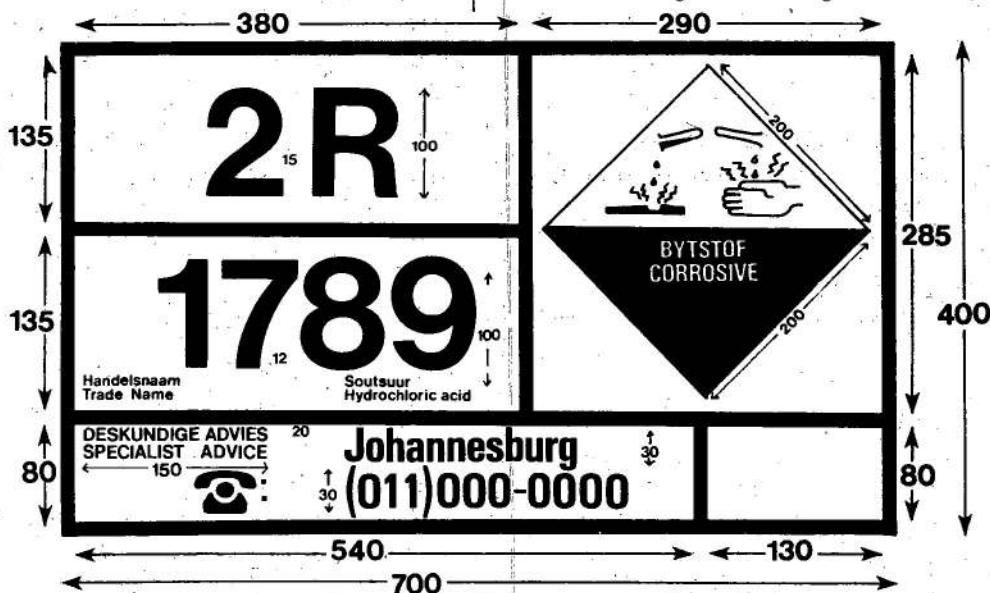
3. The specification for hazard warning panels for single loads is set out below with dimensions in millimetres:

Opmerkings:

- (1) Spasie vir die noodhandelingskode.
- (2) Spasie vir die stofidentifikasienommer en, indien dit daarby ingesluit word, die naam van die stof, of in die geval van meervragte, die woord "meervrag".
- (3) Spasie vir gevaarwaarskuwingsteken.
- (4) Spasie vir telefoonnommer of ander goedgekeurde teks.
- (5) Spasie vir opsionele vervaardiger of eienaar se naam of vervaardigingskenteken, of beide.

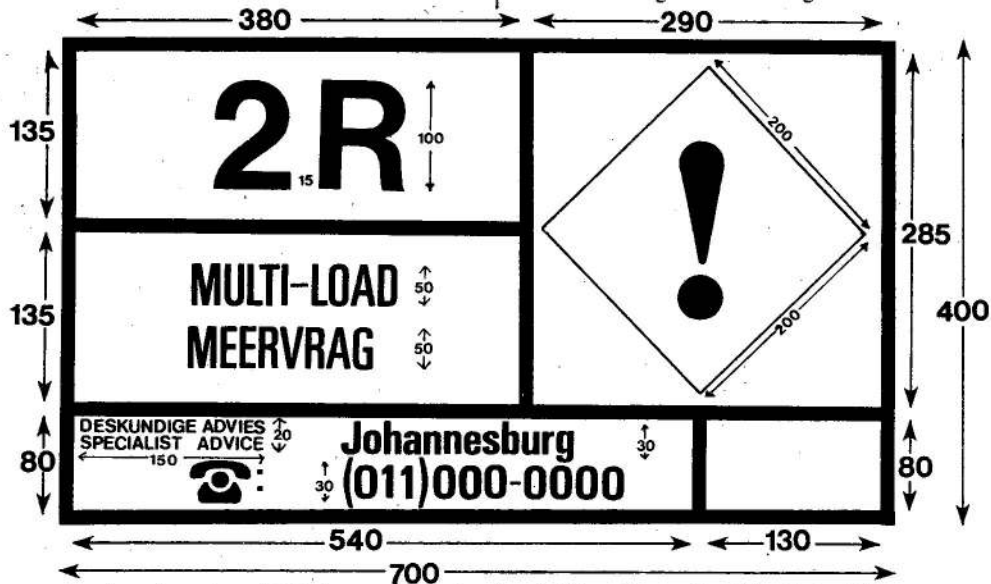
2. Die kleur van die gevaarwaarskuwingspaneel moet oranje wees en moet voldoen aan die spesifikasie vir daardie kleur soos aangedui in Deel II hieronder, met die uitsondering van die spasie van die gevaarwaarskuwingsteken wat wit moet wees, en die omlyning, interne skeidslyne, woorde, letters en figure, wat swart moet wees.

3. Die spesifikasie van die gevaarwaarskuwingspaneel vir enkelvragte word hieronder uiteengesit met afmetings in millimeter:



4. The specification for hazard warning panels for multi-loads is set out below with dimensions in millimetres:

4. Die spesifikasies van gevaarwaarskuwingspaneel vir meervragte word hieronder uiteengesit met afmetings in millimeter:

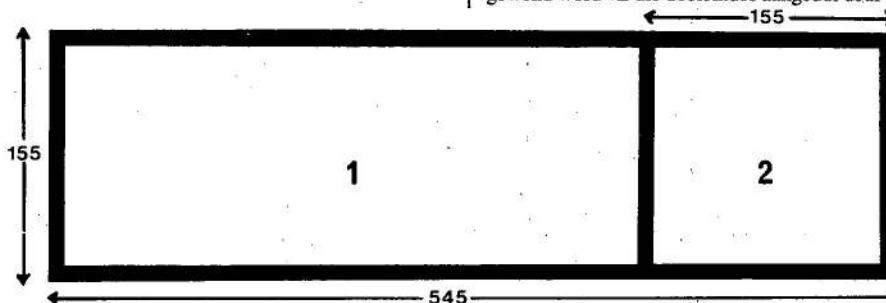


5. Where the emergency action code or the multi-load emergency action code ascertained from Schedule 1 or 2 is a white letter on a black background it shall be displayed on the panel as orange on a black background; the letter shall appear in a black rectangle having a height of 110 millimetres and a width 10 millimetres greater than the width of the letter.

5. Waar die noodhandelingskode of die meervragnoodhandelingskode bepaal ooreenkomstig Aanhangsels 1 of 2 'n wit letter op 'n swart agtergrond is, moet dit op die paneel getoon word as oranje op 'n swart agtergrond en die letter moet verskyn in 'n swart reghoek met 'n hoogte van 110 millimeter en 'n breedte van 10 millimeter groter as die breedte van die letter.

6. The form of the compartment label for multi-loads, of substances of different hazards is set out below and the spaces shall be used for the purposes indicated by the notes below:

6. Die vorm van die kompartement-etiket vir meervragte van stowwe met verskillende gevare, word hieronder uitgesit en die spasies moet aangewend word vir die doeleindes aangedui deur die opmerkings hieronder:



Notes:

(1) Space for substance identification number and, if included, name of the substance.

(2) Space for hazard warning sign.

7. Where the multi-load consists of substances of the same hazards the square labelled (2) in paragraph 6 above may be omitted from the compartment label.

8. The colour of the compartment label shall be orange and shall conform to the specification for that colour in Part II below except for the space for the hazard warning sign, where one is required, which shall be white and the borders which shall be black.

9. The specification for compartment labels is set out below with dimensions in millimetres.

Opmerkings:

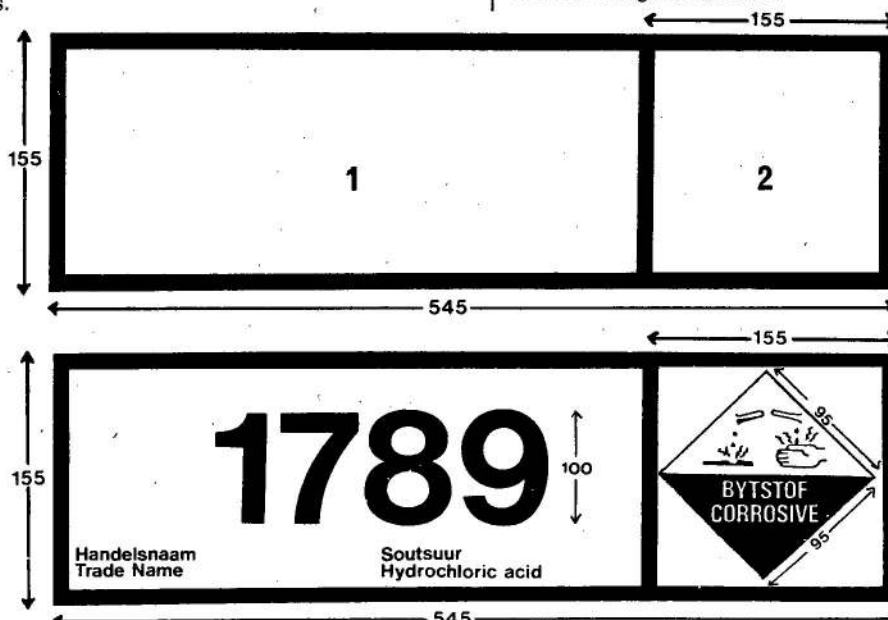
(1) Spasie vir stofidentifikasienommer en, indien dit ingesluit word, die naam van die stof.

(2) Spasie vir gevaarwaarskuwingstekens.

7. Waar die meervrag uit stowwe met dieselfde gevaar bestaan, kan die vierkant (2) in paragraaf 6 hierbo weggelaat word uit die kompartement-etiket.

8. Die kleur van die kompartement-etiket moet oranje wees en moet voldoen aan die spesifikasie vir daardie kleur in Deel II hieronder, uitgesonderd in die geval van die gevaarwaarskuwingstekens waar een vereis word, in welke geval dit wit en die omliggende daarvan swart moet wees.

9. Die spesifikasie van kompartement-etiket word hieronder uiteengesit met afmetings in millimeter.



PART II

SPECIFICATIONS FOR COLOURS OF HAZARD WARNING PANELS, COMPARTMENT LABELS AND HAZARD WARNING SIGNS

The colours of the various parts of the panel, in conditions of normal use, shall have chromaticity co-ordinates lying within the areas on the chromaticity diagram bounded by the appropriate limits given in the table below.

Colour	Chromaticity co-ordinates of colour points determining the permitted colour area illuminant				
Red.....	X	0,644	0,565	0,590	0,677
	Y	0,356	0,356	0,300	0,323
Orange.....	X	0,520	0,520	0,578	0,618
	Y	0,380	0,400	0,422	0,380
Yellow.....	X	0,481	0,455	0,455	0,532
	Y	0,518	0,480	0,450	0,467
Green.....	X	0,125	0,160	0,200	0,140
	Y	0,440	0,440	0,370	0,350
Blue.....	X	0,180	0,180	0,145	0,100
	Y	0,165	0,075	0,070	0,109

DEEL II

SPESIFIKASIES VIR KLEURE VAN GEVAARWAARSKUWINGSPANELE, KOMPARTEMENT-ETIKETTE EN GEVAARWAARSKUWINGSTEKENS

Die kleure van die verskillende dele van die paneel moet in normale gebruikstoestande beskik oor kromatisiteitskoördinate binne die perke van die toepaslike kleurgebiede op onderstaande tabel aangetoon.

Kleur	Kromatisiteitskoördinate van kleerpunte wat die toelaatbare kleurgebied-illuminant bepaal				
Rooi.....	X	0,644	0,565	0,590	0,677
	Y	0,356	0,356	0,300	0,323
Oranje.....	X	0,520	0,520	0,578	0,618
	Y	0,380	0,400	0,422	0,380
Geel.....	X	0,481	0,455	0,455	0,532
	Y	0,518	0,480	0,450	0,467
Groen.....	X	0,125	0,160	0,200	0,140
	Y	0,440	0,440	0,370	0,350
Blou.....	X	0,180	0,180	0,145	0,100
	Y	0,165	0,075	0,070	0,109

ANNEXURE 5

Regulation 9, 10, 11 and 12

PART I

HAZCHEM SCALE CARD FOR HAZARDOUS CHEMICALS

Hazchem Scale

FOR FIRE OR SPILLAGE

Hazchem		Issue No 1
UN No		

- 1 JETS
- 2 FOG
- 3 FOAM
- 4 DRY AGENT

P	v	FULL	DILUTE
R			
S	v	BA	
S		BA for FIRE only	
T		BA	
T		BA for FIRE only	
W	v	FULL	CONTAIN
X			
Y	v	BA	
Y		BA for FIRE only	
Z		BA	
Z		BA for FIRE only	
E	CONSIDER EVACUATION		

Notes for Guidance

FOG

In the absence of fog equipment a fine spray may be used.

DRY AGENT

Water **must not** be allowed to come into contact with the substance at risk.

V

Can be violently or even explosively reactive.

FULL

Full body protective clothing with BA.

BA

Breathing apparatus plus protective gloves.

DILUTE

May be washed to drain with large quantities of water.

CONTAIN

Prevent, by any means available, spillage from entering drains or water course.

DEEL I

SKAALKAART VIR GEVAARHOUDENDE CHEMIKALIEË

Hazchem-skaal

Hazchem	
VV Nr	

Uitgawe
Nr. 1

VIR BRAND OF STORTING

- 1 **STRAAL**
2 **MIS**
3 **SKUIM**
4 **DROË MIDDEL**

P	v	VOL	VERDUN
R			
S	v	AA	
S		AA slegs vir BRAND	
T		AA	DAM IN
T		AA slegs vir BRAND	
W	v	VOL	
X			
Y	v	AA	DAM IN
Y		AA slegs vir BRAND	
Z		AA	
Z		AA slegs vir BRAND	
E	OORWEEG ONTRUIMING		

Inligting

MIS

As misapparaat nie verkrygbaar is nie,
kan 'n fyn sproeiereën gebruik word.

DROË MIDDEL

Water **mag nie** in aanraking met die
materiaal kom nie.

V

Mag met geweld reageer of selfs ontplof.

VOL

Skutklere vir hele liggaam met AA

AA

Asemhaalapparaat met beskermende
handskoene.

VERDUN

Mag met baie water in afvoerpype afgespoel
word.

DAM IN

Voorkom ten alle koste dat materiaal in
afvoerpype beland.

ANNEXURE 5

PART II

TRANSPORT EMERGENCY ACTION CARD (TREM CARD)

Cargo
Nature of hazard.....
Protective devices.....
Emergency equipment.....
How to act in case of accident or spillage during transport.....
First aid.....

(1) TO WHOM IT MAY CONCERN:

Tanker, registration number locality

is unable to continue on its journey because of the factors listed under
(2). Please give assistance by requesting nearest South African Police
Station to—

Provide police to control traffic
obtain medical assistance
send ambulance
arrange for fire brigade to extinguish fire
contact factory.....

(2) TO SOUTH AFRICA POLICE: Date Time

Please inform factory that tanker,
registration number

has broken down
has collided with another vehicle
has left road
has caught fire
has overturned
is losing its contents
is not losing its contents
other

Name or trade name, and telephone number(s) of manufacturer or sender

AANHANGSEL 5

DEEL II

VERVOERNODKAART (TREMKAART)

Vrag.....
Aard van gevaar.....
Beskermende toestelle.....
Noodtoerusting.....
Hoe om in geval van 'n ongeluk of 'n storting gedurende vervoer op te
tree
Noodhulp.....

(1) HEIL DIE LESER:

Tenkwa, registrasienommer lokaliteit

is nie in staat om sy reis voort te sit nie as gevolg van faktore gelys
onder (2). Verleen asseblief hulp deur die naaste Suid-Afrikaanse
Polisiestasie te versoek om—

polisie te voorsien om verkeer te beheer
mediese hulp te verleen
'n ambulans te stuur
met die brandweer te reël om die brand te blus.....
met fabriek in verbinding te tree

(2) AAN SUID-AFRIKAANSE POLISIE: Datum Tyd

Stel asseblief fabriek in kennis dat

tenkwa, registrasienommer
ontklaar geraak het.....
met 'n ander voertuig gebots het
die pad verlaat het.....
aan die brand is
omgeslaan het
se inhoud ontsnap
se inhoud nie ontsnap nie
ander.....

Naam of handelsnaam en telefoonnommer(s) van vervaardiger of afsender

AANHANGSEL 5

DEEL III

MEDIESE EN BESTUURDERSOPLEIDINGSERTIFIKAAT

Name

[illegible][illegible]

AANHANGSEL 6

ONGELUKSVERSLAG

ONGELUK VOORTVLOEIEND UIT DIE VERVOER VAN GEVAAR- HOUDENDE STOWWE

1. Name of company
2. Date and time of accident
3. Location of accident
4. Cause of accident
5. Brief description of accident
6. No. of casualties: Fatal..... Injuries
7. Brief details of any damage to property due to nature of chemical(s) involved
8. Approximate quantity of chemical spilled.....
9. Were chemical and/or container involved in fire? YES/NO.
10. Brief details of any emission of fumes (direction of travel and area affected)
11. Type of container involved:
Single load tank ☐ Multi-compartmented tank ☐
Other (specify)
12. Name(s) of product(s) involved
13. Name and address of chemical company whose products are involved
14. Details of (Hazchem) markings on product:
Correct ☐ Not correct ☐ None ☐
15. Written instructions accompanying product:
Trem card ☐ None ☐
Other (specify)
16. Was specialist assistance requested? YES/NO.
17. If yes to 16, from where was the advice obtained?
18. Give details of response to request for specialist assistance

1. Naam van maatskappy
 2. Datum en tyd van ongeluk
 3. Plek van ongeluk
 4. Oorsaak van ongeluk
 5. Kort beskrywing van ongeluk
 6. Aantal ongevalle: Noodlottig Beserings
 7. Besonderhede van enige skade aan eiendom a.g.v. die betrokke soort chemikalie(ë)
 8. Beraamde hoeveelheid chemikalie gestort
 9. Was die chemikalie en/of tenk betrokke in 'n brand? JA/NEE.
 10. Besonderhede i.v.m. enige afgee van gasse (rigting waarin dit trek 11316210 asook gebied wat geraak word)
 11. Tipe houer betrokke:
 Enkelvragtenk ☐ Meervragtenk ☐
 Ander (spesifiseer)
 12. Naam(name) van produk(te) betrokke
 13. Naam en adres van chemiese maatskappy waarvan die produkte betrokke is
 14. Besonderhede van tekens (Hazchem) op betrokke produk(te):
 Korrek ☐ Nie korrek nie ☐ Geen ☐
 15. Geskrewe instruksies wat produkte vergesel:
 Vervoernoodkaart ☐ Geen ☐
- (trekkaart)
- Ander (spesifiseer)
16. Is deskundige advies aangevra? JA/NEE.
 17. Indien "ja" vir 16, waar is deskundige advies verkry?
 18. Gee besonderhede van reaksie op versoek om deskundige advies

Please keep our country, South
Africa, clean!



Help om ons land, Suid-Afrika,
skoon te hou!

Use it.

Don't abuse



it.

water is for everybody

Werk mooi daarmee.

Ons leef



daarvan.

water is kosbaar

CONTENTS				INHOUD			
No.		Page No.	Gazette No.	No.		Bladsy No.	Staats- koerant No.
GOVERNMENT NOTICES				GOEWERMENSKENNISGEWINGS			
Health and Welfare, Department of				Gesondheid en Welsyn, Departement van			
<i>Government Notices</i>				<i>Goewermenskennisgewings</i>			
R. 72	Hazardous Substances Act (15/1973): Cor- rection notice	1	9556	R. 72	Wet op Gevaarhoudende Stowwe (15/1973): Verbeteringskennisgewing	1	9566
R. 73	do.: Regulations governing the conveyance of hazardous substances by road tanker	1	9556	R. 73	do.: Regulasies betreffende die vervoer van gevaarhoudende stowwe per padtenkwa	1	9556