379L0370

7.4.79 *EUROOPAN YHTEISÖJEN VIRALLINEN LEHTI* N:o L 88/1

KOMISSION DIREKTIIVI,

annettu 30 päivänä tammikuuta 1979,

vaarallisten aineiden luokitusta, pakkaamista ja merkintöjä koskevien lakien, asetusten ja hallinnollisten määräysten lähentämisestä annetun neuvoston direktiivin 67/548/ETY mukauttamisesta tekniikan kehitykseen toisen kerran

(79/370/ETY)

EUROOPAN YHTEISÖJEN KOMISSIO, joka

ottaa huomioon Euroopan talousyhteisön perustamissopimuksen,

ottaa huomioon vaarallisten aineiden luokitusta, pakkaamista ja merkintöjä koskevien lakien, asetusten ja hallinnollisten määräysten lähentämisestä 27 päivänä kesäkuuta 1967 annetun neuvoston direktiivin 67/548/ETY(1), sellaisena kuin se on viimeksi muutettuna komission direktiivillä 76/907/ETY(2), ja erityisesti sen 8 a, 8 b ja 8 c artiklan,

sekä katsoo, että

direktiivin 67/548/ETY liitteessä I on vaarallisten aineiden luettelo, johon sisältyy kunkin aineen merkitsemistä koskevat yksityiskohtaiset säännöt (varoitusmerkki, vaarojen luonne ja turvallisuusohjeet),

vaarallisten aineiden luettelon tarkastelun perusteella erityisvaarat ja turvallisuusohjeet ovat osoittautuneet välttämättömäksi; tietyt erityisvaarat tunnistetaan tällä hetkellä täsmällisemmin; on täsmennettävä tiettyjä turvallisuusohjeita; näillä edellytyksin olisi liitteitä III ja IV muutettava,

direktiivin 67/548/ETY liitteisiin III ja IV sisältyy erityisvaaroja (R-lausekkeita) ja turvallisuusohjeita (S-lausekkeita) koskevia tietoja; tietyt erityisvaarat tunnistetaan tällä hetkellä täsmällisemmin; on täsmennettävä tiettyjä turvallisuusohjeita; näillä edellytyksin olisi liitteitä III ja IV muutettava, ja

tässä direktiivissä säädetyt toimenpiteet ovat vaarallisten aineiden ja valmisteiden kaupan teknisten esteiden poistamiseksi annettujen direktiivien mukauttamista tekniikan kehitykseen käsittelevän komitean lausunnon mukaiset,

(1) EYVL N:o 196, 16.8.1967, s. 1
(2) EYVL N:o L 360, 30.12.1976, s. 1

ON ANTANUT TÄMÄN DIREKTIIVIN:

1 artikla

Muutetaan direktiivi 67/548/ETY seuraavasti:

1. Lisätään liitteen I johdantoon huomautus D seuraavasti:

"Huomautus D:

Tietyt aineet, jotka voivat polymeroitua tai hajota spontaanisti, saatetaan tavallisesti markkinoille stabiloituina. Ne sisällytetään tässä muodossa myös tämän direktiivin liitteeseen I. Tällaisia aineita saatetaan kuitenkin markkinoille joskus myös stabiloimattomina.

Tässä tapauksessa valmistajan tai muun tämän aineen markkinoille saattavan henkilön on huolehdittava, että päällysmerkintään lisätään aineen nimen jälkeen ilmaus "stabiloimaton".

Esimerkki:

Metakryylihappo (stabiloimaton)."

2. Oikaistaan liitteen I "Vaarallisten aineiden luettelo" seuraavasti:

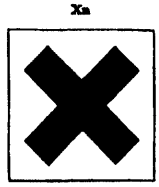
Sivu	Viitenumero	Aine	Painovirhe	Tehtävä oikaisu
21 129 129 130 130	006-005-00-4 017-003-00-8 017-004-00-3 017-005-00-9 017-006-00-4	Tiraami Bariumkloraatti Kaliumkloraatti Natriumkloraatti Perkloorihappo ... %	Xi merkki "hapettava" ei ole oikea	Xn käytetään oikeaa merkkiä hapetettavasta: liekki ympyrän yläpuolella
213 293 307 357	603-002-00-5 607-065-00-X 609-001-00-6 612-055-00-3	Etanoli Bromietikkahappo 1-Nitropropaani *N*-metyylitoluidiini	C_2H_3OH S: 36/377-/39-44 Xi Huomautus A	C_2H_5OH S: 36/37/39 Xn Huomautus C
33	006-029-00-5	Dioksakarbi	S-kirjain puuttuu numerosarjan 2-13-44 edestä	Lisätään S-kirjain numerosarjan 2-13-44 eteen
63 77 77 165 262	015-001-00-1 015-028-00-9 015-029-00-4 082-003-00-7 607-004-00-7	Fosfori, valkoinen Demetoni-O Demetoni-S Lyijyatsidi Trikloorietikkahappo	S: 5-26/28-45 S: 1-13-26/28-45 S: 1-13-26/28-45 S: 33/34-35 S: 24/25/26	S: 5-26-28-45 S: 1-13-26-28-45 S: 1-13-26-28-45 S: 33-34-35 S: 24/25-26
383 396	614-026-00-0 617-010-00-1	k-Strofantiini sykloheksanoniperoksidi	R: 23/25/33 S 34 jäänyt pois	R: 23/25-33 Lisätään S 34

3. Muutetaan liitteen I "Vaarallisten aineiden luettelo" seuraavasti:

1. N:o 015-093-00-3: Leptofossi

Lisätään R 23/25/25:n jälkeen -39.

2. N:o 616-001-00-X: *N,N*-Dimetyyliformamidi

Korvataan merkki  merkillä 

Korvataan vaaraa osoittavat merkinnät ja turvallisuusohjeet seuraavasti:

R: 20/21-36
S: 26-28-36.

3. N:o 607-032-00-X: Etyyliakrylaatti

Lisätään vaaraa osoittava merkintä R 20/22

Poistetaan turvallisuusohje S: 29.

4. N:o 607-034-00-0: Metyyliakrylaatti

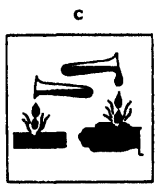
Lisätään vaaraa osoittava merkintä R 20/22

Poistetaan turvallisuusohje S: 29.

5. N:o 607-061-00-8: Akryylihappo

Lisätään turvallisuusohje S: 36.

6. N:o 607-072-00-8: 2-Hydroksietyyliakrylaatti

Korvataan merkki  merkillä 

Korvataan vaaraa osoittavat merkinnät ja turvallisuusohjeet seuraavasti:

R: 24-34-43
S: 26-36/39-44.

7. N:o 607-033-00-5: *n*-Butyylimetakrylaatti

Merkki on edelleen vinoristi, mutta merkinnän Xi kanssa. Korvataan vaaraa osoittavat merkinnät seuraavasti:

R: 10-36/37/38

Poistetaan turvallisuusohje S: 24/25.

8. N:o 602-054-00-6: 3-Jodipropeeni (Allyylijodidi)

Lisätään vaaraa osoittava merkintä R: 10.

Lisätään turvallisuusohje S: 7.

9. N:o 603-009-00-3: Sykloheksanoli

Poistetaan vaaraa osoittava merkintä R: 10.

Lisätään vaaraa osoittava merkintä R: 22, jotta saadaan yhdistelmä R: 20/22 sekä lisätään yhdistelmä R: 37/38.

10. N:o 606-001-00-8: Asetoni

Lisätään turvallisuusohje S: 23.

11. N:o 606-002-00-3: Butanoni (Metyylietyyliketoni)

Lisätään turvallisuusohje S: 23.

12. N:o 606-004-00-4: 4-Metyyli-2-pentanoni (Metyyli-isobutyyliketoni)

Lisätään turvallisuusohje S: 23.

13. N:o 603-003-00-0: Korvataan aineen nimi seuraavalla nimellä:

1-Propanol (Propylalkohol) [1] og 2-Propanol (Isopropylalkohol) [2]

1-Propanol (Propylalkohol) [1] und 2-Propanol (Isopropylalkohol) [2]

Propanol-1-ol (Propyl alcohol) [1] and Propan-2-ol (Isopropyl alcohol) [2]

1-Propanol (Alcool propylique) [1] et 2-Propanol (Alcool isopropylique) [2]

1-Propanolo (Alcool propilico) [1] e 2-Propanolo (Alcool isopropilico) [2]

1-Propanol (Propylalcohol) [1] en 2-Propanol (Isopropylalcohol) [2]

14. N:o 009-013-00-6: Korvataan aineen nimi seuraavalla nimellä:

Hexafluorosilicater, undtagen de andetsteds i dette bilag nævnte,

Hexafluorosilikate, mit Ausnahme der namentlich in dieser Anlage bezeichneten

Fluorosilicates, with the exception of those specified elsewhere is this Annex

Hexafluorosilicates (Fluosilicates), à l'exclusion de ceux nommément désignés dans cette annexe

Esafluosilicati, esclusi quelli espressamente indicati in questo allegato

Hexafluorsilikaten, met uitzondering van de in deze bijlage met name genoemde

15. Lisätään huomautus D seuraaviin aineisiin:

N:o 601-013-00-X: 1,3-Butadieeni

N:o 601-014-00-5: 2-Metyyli-1,3-butadieeni

N:o 601-026-00-0: Styreeni

N:o 602-023-00-7: Vinyylikloridi

N:o 602-025-00-8: 1,1-Dikloorietyleeni

N:o 602-029-00-X: 3-Klooripropeeni

N:o 602-036-00-8: 2-Kloori-1,3-butadieeni

N:o 603-021-00-9: Metyylivinyylieetteri

N:o 605-001-01-2: Formaldehydi (väk. > 30 %)

N:o 605-008-00-3: Akroleiini

N:o 606-017-00-5: Diketeni

N:o 607-023-00-0: Vinyyliasetaatti

N:o 607-032-00-X: Etyyliakrylaatti

N:o 607-033-00-5: *n*-Butyylimetakrylaatti

N:o 607-034-00-0: Metyyliakrylaatti

N:o 607-035-00-6: Metyylimetakrylaatti

N:o 607-061-00-8: Akryylihappo

N:o 607-062-00-3: *n*-Butyyliakrylaatti

N:o 607-071-00-2: Etyylimetakrylaatti

N:o 607-072-00-8: 2-Hydroksietyyliakrylaatti

N:o 608-003-00-4: Akryylinitriili

N:o 613-001-00-1: Etyleeni-imiini.

4. Lisätään tämän direktiivin liitteessä mainitut aineet liitteen I "Vaarallisten aineiden luettelo"-nimiseen kappaleeseen.

5. 1. Lisätään liitteeseen III "Vaarallisiin aineisiin liittyvien erityisvaarojen luonne"-nimiseen kappaleeseen seuraavat lausekkeet:

R 42 Kan forårsage overfølsomhed ved indånding

Sensibilisierung durch Einatmen möglich

May cause sensitization by inhalation

Peut entraîner une sensibilisation par inhalation

Può provocare sensibilizzazione per inalazione

Kan overgevoeligheid veroorzaken bij inademing

R 43 Kan forårsage overfølsomhed ved berøring med huden

Sensibilisierung durch Hautkontakt möglich

May cause sensitization by skin contact

Peut entraîner une sensibilisation par contact avec la peau

Può provocare sensibilizzazione per contato con la pelle

Kan overgevoeligheid veroorzaken bij contact met de huid

2. Lisätään R-lausekkeiden yhdistelmiin seuraavat yhdistelmät:

R 14/15 Reagerer voldsomt med vand under dannelse af yderst brandfarlige gasser

R 42/43 Kan forårsage overfølsomhed ved indånding og ved berøring med huden

R 14/15 Reagiert heftig mit Wasser unter Bildung leicht entzündlicher Gase

R 42/43 Sensibilisierung durch Einatmen und Hautkontakt möglich

R 14/15 Reacts violently with water liberating hightly flammable gases

R 42/43 May cause sensitization by inhalation and skin contact

R 14/15 Réagit violemment au contact de l'eau en dégageant des gaz très inflammables

R 42/43 Peut entraîner une sensibilisation par inhalation et contact avec la peau

R 14/15 Reagisce violentemente con l'acqua liberando gas facilmente infiammabili

R 42/43 Può provocare sensibilizzazione per inalazione e contatto con la pelle

R 14/15 Reageert heftig met water en vormt daarbij licht ontvlambaar gas

R 42/43 Kan overgevoeligheid veroorzaken bij inademing of contact met de huid

3. Korvataan liitteen III hollanninkielisessä toisinnossa "Vaarallisiin aineisiin liittyvien erityisvaarojen luonne"-nimisen kappaleen lausekkeissa R 36, R 37 ja R 38 sekä niiden yhdistelmissä R 36/37, R 37/38, R 36/38 ja R 36/37/38 käsite "prikkelend" käsitteellä "irriterend".

6. Muutetaan liitteen IV "Vaarallisia aineita koskevat turvallisuusohjeet" seuraavasti:

1. S 23: lisätään "[oikean sanamuodon valitsee valmistaja]".

2. S 42: lisätään "[oikean sanamuodon valitsee valmistaja]".

3. Lisätään S-lausekkeiden yhdistelmiin yhdistelmä S 3/7/9:
   — Emballagen opbevares tæt lukket på et køligt, godt ventileret sted
   — Behälter dicht geschlossen halten und an einem kühlen, gut gelüfteten Ort aufbewahren
   — Keep container tightly closed in a cool, well-ventilated place
   — Conserver le récipient bien fermé dans un endroit frais bien ventilé
   — Tenere il recipiente ben chiuso in luogo fresco ben ventilato
   — Gesloten verpakking op en koele en goed geventileerde plaats bewaren

4. Korvataan turvallisuusohjeen S: 26 saksankielisessä toisinnossa ilmaus "Spritzer in die Augen" ilmauksella "Bei Berührung mit den Augen...".

2 artikla

Jäsenvaltioiden on annettava ja julkaistava tämän direktiivin noudattamisen edellyttämät säännökset ennen 1 päivää tammikuuta 1980 ja ilmoitettava tästä komissiolle viipymättä. Niiden on pantava nämä säännökset täytäntöön viimeistään 1 päivästä heinäkuuta 1980 alkaen.

3 artikla

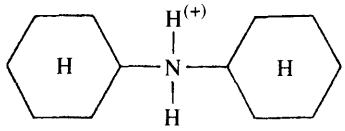
Tämä direktiivi on osoitettu kaikille jäsenvaltioille.

Tehty Brysselissä 30 päivänä tammikuuta 1979.

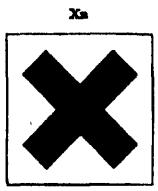
Komission puolesta
Étienne DAVIGNON
Komission jäsen

BILAG — ANLAGE — ANNEX — ANNEXE — ALLEGATO — BIJLAGE

Cas No 3129-91-7	No 007-009-00-9



Dicyclohexylammoniumnitrit $NO_{2(-)}$
Dicyclohexylammoniumnitrit
Dicyclohexylammonium nitrite
Nitrite de dicyclohexylammonium
Dicicloesilammonio nitrito
Dicyclohexylammoniumnitriet



R: 20/22

S: 15-41

Cas No 7632-00-0	No 007-010-00-4

$NaNO_2$

Natriumnitrit
Natriumnitrit
Sodium nitrite
Nitrite de sodium
Sidio nitrito
Natriumnitriet





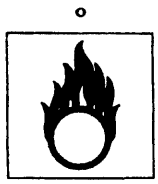
R: 8-25

S: 44

Cas No 7558-09-0	No 007-011-00-X

KNO_2

Kaliumnitrit
Kaliumnitrit
Potassium nitrite
Nitrite de potassium
Potassio nitrito
Kaliumnitriet





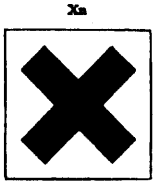
R: 8-25

S: 44

Cas No 1310-03-8	No 009-014-00-1

$PbSiF_6$

Blyhexafluorosilicat
Bleihexafluorsilikat
Lead hexafluorosilicate
Hexafluorosilicate de plomb (II) [Fluosilicate de plomb (II)]
Piombo esafluosilicato
Loodhexafluorsilikaat



R: 20/22-33

S: 13-20/21-24/25

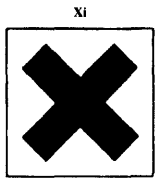
Cas No 75-79-6

No 014-004-00-5

CH_3SiCl_3

Methyltrichlorsilan
Methyltrichlorsilan
Trichloro(methyl)silane (Methyltrichlorosilane)
Trichlorométhylsilane
Metiltriclorosilano
Methyltrichloorsilaan



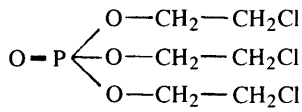


R: 11-14-36/37/38

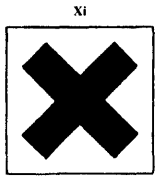
S: 26-39

Cas No 115-96-8

No 015-102-00-0



Tri-(2-chlorethyl)-phosphat
Tris(2-chlorethyl)-phosphat
Tris(2-chloroethyl) phosphate
Phosphate de tris (2-chloroéthyle)
Tris(2-cloroetil) fosfato
Tris(2-chloorethyl) fosfaat



R: 22-36/38

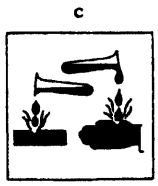
S:

Cas No 7789-60-8

No 015-103-00-6

PBr_3

Phosphortribromid
Phosphortribromid
Phosphorus tribromide
Tribromure de phosphore
Fosforo tribromuro
Fosfortribromide



R: 14-34-37

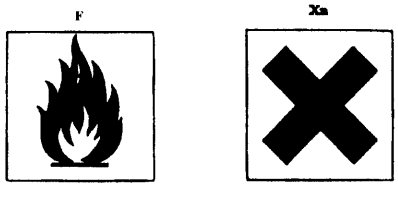
S: 26

Cas No 1314-80-3

No 015-104-00-1

P_2S_5

Phosphorpentasulfid
Diphosphorpentasulfid (Phosphorpentasulfid)
Phosphorus pentasulphide
Pentasulfure de diphosphore (Pentasulfure de phosphore)
Fosforo pentasolfuro
Fosforpentasulfide

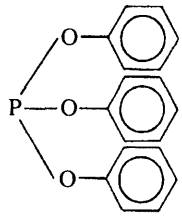


R: 11-20/22-29

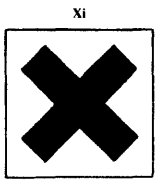
S:

Cas No 101-02-0

No 015-105-00-7



Triphenylphosphit
Triphenylphosphit
Triphenyl phosphite
Phosphite de triphényle
Trifenil fosfito
Trifenylfosfiet

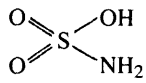


R: 36/38

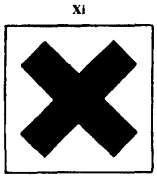
S: 28

Cas No 5329-14-6

No 016-026-00-0



Sulfaminsyre
Amidosulfonsäure (Sulfaminsäure)
Sulphamic acid
Acide amidosulfurique (Acide sulfamique)
Acido solfammico
Sulfaminezuur (Aminosulfonzuur)

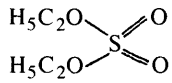


R: 36/38

S: 2-26-28

Cas No 64-67-5

No 016-027-00-6



Diethylsulfat
Diethylsulfat
Diethyl sulphate
Sulfate de diéthyle
Dietile solfato
Diethylsulfaat

T

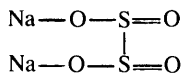


R: 22-23-34

S: 26-37

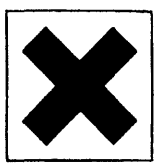
Cas No 7631-94-9

No 016-028-00-1



Natriumdithionit
Natriumdithionit
Sodium dithionite (Sodium hydrosulphite)
Dithionite de sodium (Hydrosulfite de sodium)
Sodio idrosolfito
Natriumdithioniet

Xn

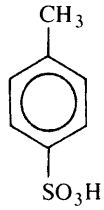


R: 7-22-31

S: 7/8-26-28-43

Cas No 104-15-4

No 016-029-00-7



p-Toluensulfonsyre (indeholdende mere en 5% H_2SO_4)
p-Toluolsulfonsäure (mit mehr als 5% H_2SO_4)
p-Toluenesulphonic acid (containing more than 5% H_2SO_4)
Acide *p*-toluènesulfonique (contenant plus de 5% de H_2SO_4)
Acido *p*-toluensolfonico (contenente più del 5% H_2SO_4)
p-Tolueen sulfonzuur (met meer dan 5% H_2SO_4)

c

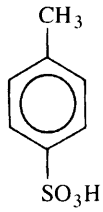


R: 34

S: 26-37/39

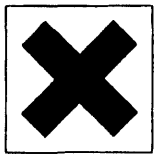
Cas No 104-15-4

No 016-030-00-2



p-Toluensulfonsyre (indeholdende højst 5% H_2SO_4)
p-Toluolsulfonsäure (mit höchstens 5% H_2SO_4)
p-Toluenesulphonic acid (containing a maximum of 5% H_2SO_4)
Acide *p*-toluènesulfonique (contenant un maximum de 5% de H_2SO_4)
Acido *p*-toluensolfonico (contenente non più del 5% H_2SO_4)
p-Tolueensulfonzuur (met maximum 5% H_2SO_4)

xi



R: 36/37/38

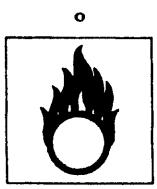
S: 26-37

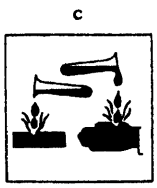
Cas No 7778-54-3

No 017-012-00-7

$Ca(OCl)_2COAC\ Cl$ (aktiv / active / actif / attivo / actief) > 39 %

Calciumhypochlorit
Calciumhypochlorit
Calcium hypochlorite
Hypochlorite de calcium
Calcio ipoclorito
Calciumhypochloriet





R: 8-31-34

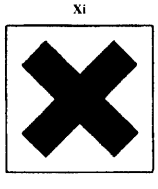
S: 2-26-43

Cas No 7789-00-6

No 024-006-00-8

K_2CrO_4

Kaliumchromat
Kaliumchromat
Potassium chromate
Chromate de potassium
Potassio cromato
Kaliumchromaat



R: 36/37/38

S: 22-28

Cas No	No 048-001-00-5

Nota A

Cadmiumforbindelser, med undtagelse af cadmiumsulfid (CdS), cadmiumsulfoselenid (xCdS · yCdSe) og blandinger af cadmiumsulfid med zinksulfid (xCdS · yZnS), såvel som cadmiumforbindelser opført andetsteds i dette bilag

Cadmiumverbindungen, mit Ausnahme von Cadmiumsulfid (CdS), Cadmiumselenosulfid (xCdS · yCdSe) und Mischungen von Cadmium und Zinksulfid (xCdS · yZns) sowie der in dieser Anlage gesondert aufgeführten Cadmiumverbindungen

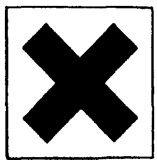
Cadmium compounds, with the exception of cadmium sulphide (CdS), cadmium sulphoselenide (xCdS · yCdSe), mixture of cadmium sulphide with zinc sulphide (xCdS · ZnS), and those specified elsewhere in this Annex

Composés de cadmium à l'exclusion du sulfure (CdS), du sulfoséléniure (xCdS · yCdSe) et du sulfure mixte cadmium-zinc (xCdS · yZnS) et de ceux nommément désignés dans cette annexe

Composti di cadmio, esclusi il solfuro (CdS), il solfoseleniuro (xCdS · yCdSe), i solfuri misti di Cadmio e Zinco (xCdS · yZnS) e quelli espressamente indicati in questo allegato

Cadmiumverbindingen met uitzondering van cadmiumsulfide (CdS), cadmiumsulfoselenide (xCdS · yCdSe) en mengsels van cadmiumsulfide met zinksulfide (xCdS · yZnS) alsmede van in deze bijlage met name genoemde Cd-verbindingen

Xn



R: 20/21/22

S: 22(1)

(1) Såfremt hensigtsmæssigt. Wenn erforderlich. If appropriate. Si approprié. Se appropriato. Indien toepasbaar.

Cas No 1306-19-0	No 048-002-00-0

CdO

Cadmiumoxid
Cadmiumoxid
Cadmium oxide
Oxyde de cadmium
Cadmio ossido
Cadmiumoxide

T



R: 23/25-33-40

S: 22-44

Cas No 4464-23-7	No 048-003-00-6

$Cd(HCOO)_2$

Cadmiumformiat
Cadmiumformiat
Cadmiumformate
Formiate de cadmium
Formiato di cadmio
Cadmiumformiaat

T



R: 23/25-33-40

S: 22-44

Cas No 542-83-6	No 048-004-00-1

$Cd(CN)_2$

Cadmiumcyanid
Cadmiumcyanid
Cadmiumcyanide
Cyanure de cadmium
Cadmio cianuro
Cadmiumcyanide

T



R: 26/27/28-32-33-40

S: 1/2-7-28-29-45

Cas No	No 048-005-00-7

$CdSiF_6$

Cadmiumfiexafluorosilicat
Cadmiumhexafluorosilikat
Cadmium fluorosilicate
Hexafluorosilicate de cadmium (Fluosilicate de cadmium)
Cadmio esafluosilicato
Cadmiumhexafluorsilikaat

T



R: 23/25-33-40

S: 22-44

Cas No 7790-79-6	No 048-006-00-2

CdF_2

Cadmiumfluorid
Cadmiumfluorid
Cadmium fluoride
Fluorure de cadmium
Cadmio fluoruro
Cadmiumfluoride

T



R: 23/25-33-40

S: 22-44

Cas No 7790-80-9	No 048-007-00-8

CdI_2

Cadmiumiodid
Cadmiumiodid
Cadmium iodide
Iodure de cadmium
Cadmio ioduro
Cadmiumiodid

T



R: 23/25-33-40

S: 22-44

Cas No 10108-64-2	No 048-008-00-3

$CdCl_2$

Cadmiumchlorid
Cadmiumchlorid
Cadmium chloride
Chlorure de cadmium
Cadmio cloruro
Cadmiumchloride

T



R: 23/25-33-40

S: 22-44

Cas No	No 051-003-00-9

Nota A

Antimonforbindelser med undtagelse af antimontrisulfid (Sb_2S_3), antimonpentasulfid (Sb_2S_5), antimontrioxid (Sb_2O_3), antimonpentoxid (Sb_2O_5) og sådanne nævnt andetsteds i dette bilag

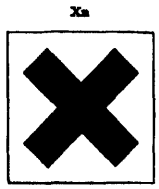
Antimonverbindungen, mit Ausnahme von Diantimontrioxid (Sb_2O_3), Diantimontetraoxdid (Sb_2O_4), Diantimonpentoxid (Sb_2O_5), Diantimontrisulfid (Sb_2S_3), Diantimonpentasulfid (Sb_2S_5) sowie der Antimonverbindungen, die in dieser Anlage gesondert aufgeführt sind

Antimony compounds, with the exception of the trioxide (Sb_2O_3), tetroxide (Sb_2O_4), pentoxide (Sb_2O_5), trisulphide (Sb_2S_3), pentasulphide (Sb_2S_5) and those specified elsewhere in this Annex

Composés d'antimoine à l'exclusion du trioxyde (Sb_2O_3), du tétroxyde (Sb_2O_4), du pentoxyde (Sb_2O_5), du trisulfure (Sb_2S_3), du pentasulfure (Sb_2S_5) et de ceux nommément désignés dans cette annexe

Composti di antimonio esclusi triossido (Sb_2O_3), tetraossido (Sb_2O_4), pentaossido (Sb_2O_5), trisolfuro (Sb_2S_3), pentasolfuro (Sb_2S_5) e quelli espressamente indicati in questo allegato

Antimoonverbindingen met uitzondering van trioxide (Sb_2O_3), tetroxide (Sb_2O_4), pentoxide (Sb_2O_5), trisulfide (Sb_2S_3), pentasulfide (Sb_2S_5) alsmede van in deze bijlage met name genoemde zouten



R: 20/22

S: 22(1)

(1) Såfremt hensigtsmæssigt. Wenn erforderlich. If appropriate. Si approprié. Se appropriato. Indien toepasbaar.

Cas No 7783-56-4	No 051-004-00-4

SbF_3

Antimontrifluorid
Antimontrifluorid
Antimony trifluoride
Trifluorure d'antimoine
Antimonio trifluoruro
Antimoontrifluoride



R: 23/24/25

S: 7-26-44

Cas No 20816-12-0

No 076-001-00-5

OsO_4

Osmiumtetraoxid
Osmiumtetraoxid
Osmium tetraoxide (Osmic acid)
Tétraoxyde d'osmium (Acide osmique)
Tetrossido di osmio (Osmio tetrossido)
Osmiumtetraoxide

T

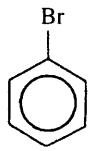


R: 26/27/28-34

S: 7/9-26-45

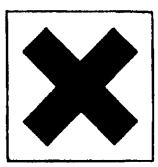
Cas No 108-86-1

No 602-060-00-9



Brombenzen
Brombenzol
Bromobenzene
Bromobenzène
Bromobenzene
Broombenzeen

Xn



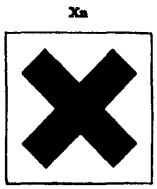
R: 10-38

S:

Cas No 116-15-4	No 602-061-00-4

$$CF_3 — CF = CF_2$$

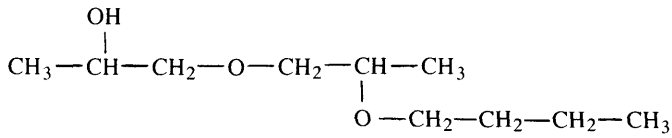
Hexafluorpropen
Hexafluorpropen (Perfluorpropylen)
Hexafluoropropene (Hexafluoropropylene)
Perfluoropropène (Hexafluoropropylène)
Esafluoropropene (Perfluoropropene)
Perfluorpropeen (Hexafluorpropeen)



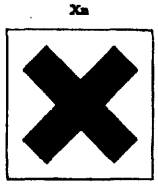
R: 20-37

S: 41

Cas No	No 603-050-00-7



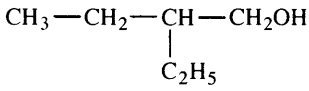
1-(2-Butoxypropoxy)-2-propanol
1-(2-Butoxypropoxy)-2-propanol
1-(2-Butoxypropoxy)propan-2-ol
1-(2-Butoxypropoxy)-2-propanol
(Éther-monobutylique du dipropylène-glycol)
1-2-(butossi propossi)-2-propanolo
(Etere monobutilico del dipropilenglicole)
1-(2-Butoxypropoxy)-2-propanol



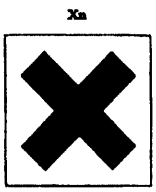
R: 21/22

S:

Cas No 97-95-0	No 603-051-00-2



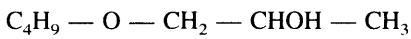
2-Ethylbutanol
2-Ethylbutanol
2-Ethylbutan-1-ol
2-Éthylbutanol
2-Etilbutanolo
2-Ethylbutanol



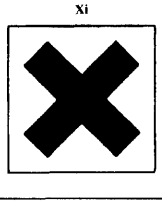
R: 21/22

S:

Cas No	No 603-052-00-8



3-Butoxy-2-propanol
3-Butoxy-2-propanol
3-Butoxypropan-2-ol (Propylene glycol monobutyl ether)
3-Butoxy-2-propanol (Éther monobutylique du propylène-glycol)
3-Butossi-2-propanolo
3-Butoxy-2-propanol

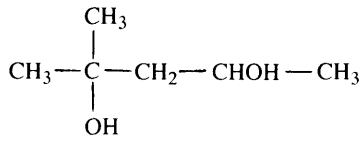


R: 36/38

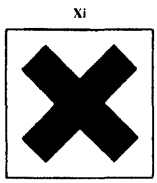
S:

Cas No 107-41-5

No 603-053-00-3



2-Methyl-2,4-pentandiol
2-Methyl-2,4-pentandiol
2-Methylpentane-2,4-diol
2-Méthyl-2,4-pentanediol
2-Metil-2,4-pentandiolo
2-Methyl-2,4-pentaandiol

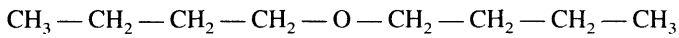


R: 36/38

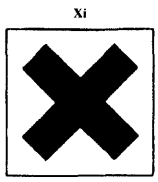
S:

Cas No 142-96-1

No 603-054-00-9



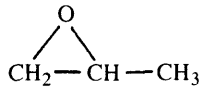
Dibutylether (Di-*n*-butylether)
Di-*n*-butylether
Di-*n*-butyl ether (Dibutyl ether)
Oxyde de dibutyle (Éther *n*-butylique)
Di-*n*-butil-etere
Di-*n*-butylether



R: 10-36/37/38

S:

Cas No 75-56-9	No 603-055-00-4



1,2-Epoxypropan (Methyloxiran)

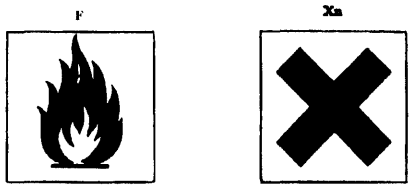
1,2-Epoxypropan
(1,2-Propylenoxid)

1,2-Epoxypropane
(1,2-Propylene oxide)

1,2-Époxypropane
(Oxyde de propylène)

1,2-Epossipropano
(Ossido di propilene

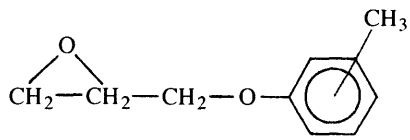
1,2-Epoxypropaan
(1,2-propyleenoxide)



R: 12-20/21/22

S: 9-16-26-29

Cas No 26447-14-3	No 603-056-00-X



Nota C

1,2-Epoxy-3-(tolyloxy)-propan (Cresylglycidylether)

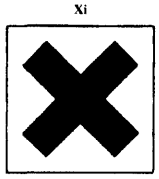
1,2-Epoxy-3-(tolyloxy)-propan (Kresylglycidylether)

1,2-Epoxy-3-(tolyloxy)propane (Cresyl glycidyl ether)

1,2-Époxy-3-(tolyloxy)propane (Oxyde de glycidyle et de tolyle)

1,2-Epossi-3 (tolilossi)-propano (Cresile glicidile etere)

1,2-Epoxy-3 (tolyloxy)-propaan (Cresylglycidylether)



R: 38

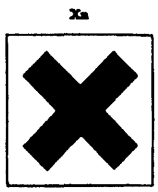
S: 26-28

Cas No 100-51-6

No 603-057-00-5



Benzylalkohol
Benzylalkohol
Benzyl alcohol
Alcool benzylique
Alcool benzilico
Benzylalcohol

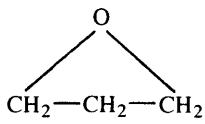


R: 20/22

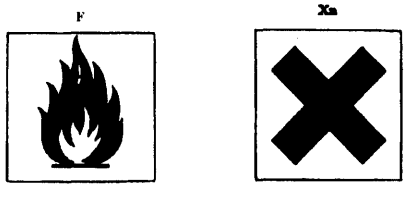
S: 26

Cas No 503-30-0

No 603-058-00-0



Oxetan
1,3-Epoxypropan
(1,3-Propylenoxid)
1,3-Propylene oxide
1,3-Époxypropane
(Oxyde de triméthylène)
1,3-Epossipropano
1,3-Epoxypropaan
(1,3-propyleenoxide)



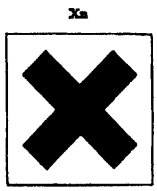
R: 11-20/21-22

S: 9-16-26-29

Cas No 111-27-3	No 603-059-00-6

$CH_3 — CH_2 — CH_2 — CH_2 — CH_2 — CH_2OH$

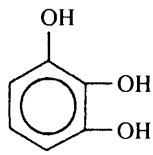
1-Hexanol
1-Hexanol
Hexan-1-ol
1-Hexanol (Alcool hexylique)
1-Esanolo
1-Hexanol



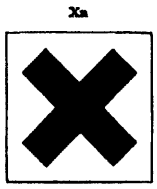
R: 22

S: 24/25

Cas No 87-66-1	No 604-009-00-6



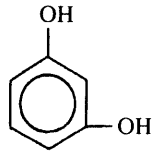
1,2,3-Trihydroxybenzen (Pyrogallol)
1,2,3-Trihydroxybenzol (Pyrogallol)
1,2,3-Trihydroxybenzene (Pyrogallol)
1,2,3-Benzènetriol (Pyrogallol)
1,2,3-Triidrossibenzene (Pirogallolo)
1,2,3-Trihydroxybenzeen (Pyrogallol)



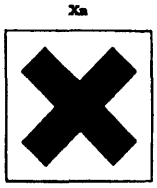
R: 20/21/22

S:

Cas No 108-46-3	No 604-010-00-1



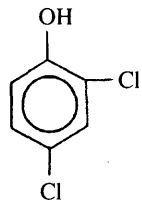
1,3-Benzendiol (Resorcinol)
1,3-Dihydroxybenzol (Resorcin)
Resorcinol (1,3-Benzenediol)
1,3-Benzènediol (Résorcinol)
1,3-Diidrossibenzene (Resorcina)
1,3-Benzeendiol (Resorcinol)



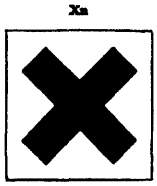
R: 22-36/38

S: 26

Cas No 120-83-2	No 604-011-00-7



2,4-Dichlorphenol
2,4-Dichlorphenol
2,4-Dichlorophenol
2,4-Dichlorophénol
2,4-Diclorofenolo
2,4-Dichloorfenol

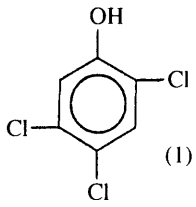


R: 22-36/38

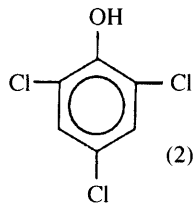
S: 26-28

Cas No	95-95-4 [1] 88-06-2 [2]

No 604-012-00-2



(1)



(2)

2,4,5-Trichlorphenol (1)
2,4,6-Trichlorphenol (2)

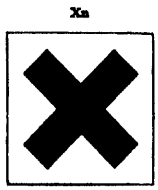
2,4,5-Trichlorphenol (1)
2,4,6-Trichlorphenol (2)

2,4,5-Trichlorophenol (1)
2,4,6-Trichlorophenol (2)

2,4,5-Trichlorophénol (1)
2,4,6-Trichlorophénol (2)

2,4,5-Triclorofenolo (1)
2,4,6-Triclorofenolo (2)

2,4,5-Trichloorfenol (1)
2,4,6-Trichloorfenol (2)

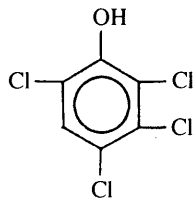


R: 22-36/38

S: 26-28

Cas No 58-90-2

No 604-013-00-8



2,3,4,6-Tetrachlorphenol

2,3,4,6-Tetrachlorphenol

2,3,4,6-Tetrachlorophenol

2,3,4,6-Tétrachlorophénol

2,3,4,6-Tetraclorofenolo

2,3,4,6-Tetrachloorfenol

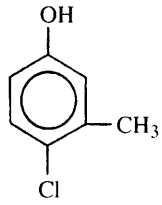


R: 25-36/38

S: 26-28-37-44

Cas No 59-50-7

No 604-014-00-3



4-Chlor-3-methylphenol
(*p*-Chlor-*m*-cresol)

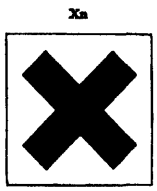
4-Chlor-3-methylphenol
(4-Chlor-*m*-kresol)

4-Chloro-*m*-crésol
(4-Chloro-3-methylphenol)

4-Chloro-3-méthylphénol
(*p*-Chloro-*m*-crésol)

4-Cloro-3-metilfenolo
(*p*-cloro-*m*-cresolo)

4-Chloor-3-methylfenol
(*p*-chloor-*m*-kresol)

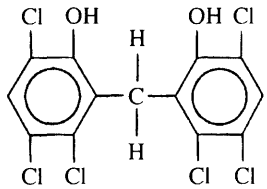


R: 21/22-38

S: 26-28

Cas No 70-30-4

No 604-015-00-9



2,2′-Methylen-bis-(3,4,6-trichlorphenol)
(Hexachlorophen)

2,2′-Methylen-bis-(3,4,6-trichlorphenol)
(Hexachlorophen)

2,2′-Methylenebis-(3,4,6-trichlorophenol)
(Hexachlorophene)

2,2′-Méthylène-bis(3,4,6-trichlorophénol)
(Hexachlorophène)

2,2′-Metilen-bis-(3,4,6-triclorofenolo)
(Esaclorofene)

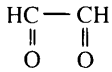
2,2′-methyleen-bis-(3,4,6-trichloorfenol)
(Hexachlorofeen)



R: 24/25

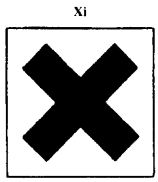
S: 20-37-44

Cas No 107-22-2	No 605-016-00-7



Nota B

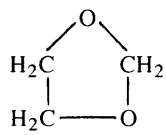
Glyoxal . . . % (Ethandial . . . %)
Glyoxal . . . %
Ethane-1,2-dione . . . % (Glyoxal . . . %)
Glyoxal . . . %
Gliossale . . . %
Glyoxaal . . . %



R: 36/38

S: 26-28

Cas No 646-06-0	No 605-017-00-2



1,3-Dioxolan
1,3-Dioxolan
1,3-Dioxolane
1,3-Dioxolane
1,3-Diossolano
1,3-Dioxolan



R: 11

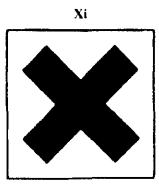
S: 16

Cas No 123-38-6	No 605-018-00-8

$$CH_3 — CH_2 — CHO$$

Propanal (Propionaldehyd)
Propanal (Propionaldehyd)
Propanal (Propionaldehyde)
Propanal (Aldéhyde propionique)
Propanale (Aldeide propionica)
Propanal (Propionaldehyde)

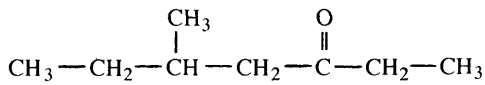




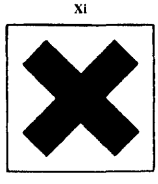
R: 11-36/37/38

S: 9-16-29

Cas No 541-85-5	No 606-020-00-1



5-Methyl-3-heptanon
5-Methyl-3-heptanon
5-Methylheptan-3-one
5-Méthyl-3-heptanone
5-Metil-3-eptanone
5-Methyl-3-heptanon

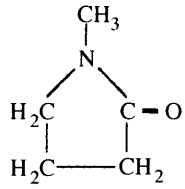


R: 10-36-37

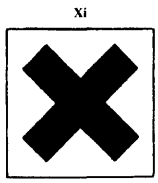
S: 23

Cas No 872-50-4

No 606-021-00-7



N-Methyl-2-pyrrolidon
N-Methyl-2-pyrrolidon
N-Methyl-2-pyrrolidone
N-Méthyl-2-pyrrolidone
N-metil 2 pirrolidone
N-Methyl-2-pyrrolidon

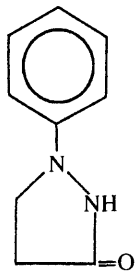


R: 36/38

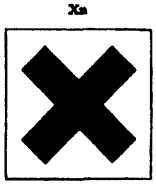
S: 41

Cas No 92-43-3

No 606-022-00-2



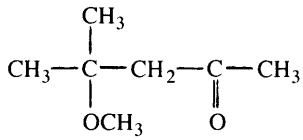
1-Phenyl-3-pyrazolidon
1-Phenyl-3-pyrazolidon
1-Phenyl-3-pyrazolidone
1-Phényl-3-pyrazolidone
1-Fenile-3-pirazolidone
1-Fenyl-3-pyrazolidon



R: 22

S:

Cas No 107-70-0	No 606-023-00-8

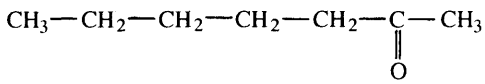


4-Methoxy-4-methylpentan-2-on
(Diacetonemethylether)
4-Methoxy-4-methyl-2-pentanon
(Diacetonalkoholmethylether)
4-Methoxy-4-methylpentan-2-one
4-Méthoxy-4-méthyl-2-pentanone
4-Metossi-4-metil-2-pentanone
4-Methoxy-4-methyl-2-pentanon

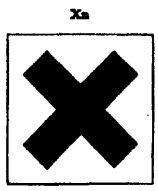
R: 10

S: 23

Cas No 110-43-0	No 606-024-00-3



2-Heptanon
2-Heptanon
Heptan-2-one
2-Heptanone (Méthyl-*n*-amylcétone)
2-Eptanone
2-Heptanon



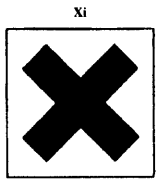
R: 10-22

S: 23

Cas No 120-92-3	No 606-025-00-9



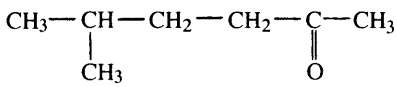
Cyclopentanon
Cyclopentanon
Cyclopentanone
Cyclopentanone
Ciclopentanone
Cyclopentanon



R: 10-36/38

S: 23

Cas No 110-12-3	No 606-026-00-4

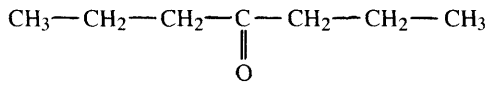


5-Methyl-2-hexanon
5-Methyl-2-hexanon
5-Methylhexan-2-one (Methylisoamyl ketone)
5-Méthyl-2-hexanone (Méthylisoamylcétone)
5-Metil-2-esanone
5-Methyl-2-hexanon

R: 10

S: 23

Cas No 123-19-3	No 606-027-00-X

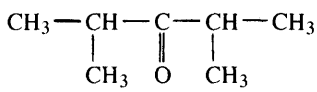


4-Heptanon (Dipropylketon)
4-Heptanon (Dipropylketon)
Heptan-4-one (Di-n-propyl ketone)
4-Heptanone (Dipropylcétone)
4-Eptanone (Dipropilchetone)
4-Heptanon (Dipropylketon)

R: 10

S: 23

Cas No 565-80-0	No 606-028-00-5



2,4-Dimethyl-3-pentanon (Diisopropylketon)
2,4-Dimethyl-3-pentanon (Diisopropylketon)
2,4-Dimethylpentan-3-one (Di-isopropyl ketone)
2,4-Diméthyl-3-pentanone (Diisopropylcétone)
2,4-Dimetil-3-pentanone
2,4-Dimethyl-3-pentanon (Diisopropylketon)

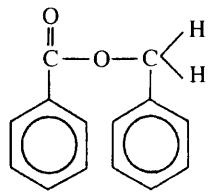


R: 11

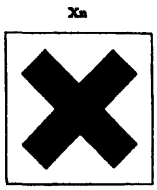
S: 16-23

Cas No 129-51-4

No 607-085-00-9



Benzylbenzoat
Benzylbenzoat
Benzyl benzoate
Benzoate de benzyle
Benzile benzoato
Benzylbenzoaat

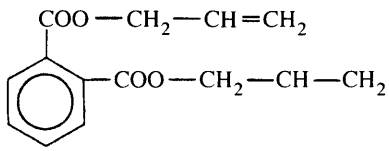


R: 22

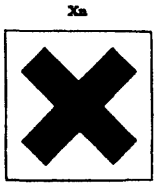
S: 25

Cas No 131-17-9

No 607-086-00-4



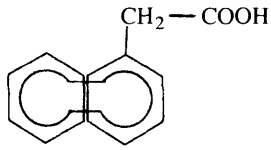
Diallylphthalat
Diallylphthalat
Diallyl phthalate
Phtalate de diallyle
Diallile ftalato
Diallylftalaat



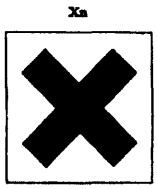
R: 22

S: 24/25

Cas No 86-87-3	No 607-087-00-X



1-Naphthyleddikesyre
1-Naphthylessigsäure
1-Napththylacetic acid
Acide 1-napthtylacétique
Acido 1-naftilacetico
1-Napthtylazijnzuur

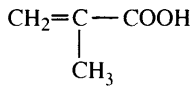


R: 22

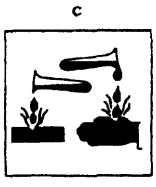
S: 24/25

Cas No 79-41-4	No 607-088-00-5

Nota D



Methacrylsyre (2-Methylpropensyre)
Methacrylsäure
Methacrylic acid (2-Methylpropenoic acid)
Acide méthacrylique
Acido metacrilico (Acido 2-metil propenoico)
Methacrylzuur



R: 34

S: 15-26

Cas No 79-09-4	No 607-089-00-0

Nota B

$CH_3 — CH_2 — COOH$
conc > 25 %

Propionsyre . . . %
Propionsäure . . . %
Propionic acid . . . %
Acide propionique . . . %
Acido propionico . . . %
Propionzuur . . . %

c



R: 34

S: 2-23-26

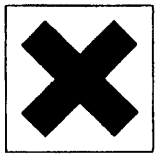
Cas No 79-09-4	No 607-089-01-8

Nota B

$CH_3 — CH_2 — COOH$
10 % ≤ conc ≤ 25 %

Propionsyre . . . %
Propionsäure . . . %
Propionic acid . . . %
Acide propionique . . . %
Acido propionico . . . %
Propionzuur . . . %

Xi



R: 36/37/38

S: 2

Cas No 68-11-1	No 607-090-00-6

$HS — CH_2 — COOH$

Mercaptoeddikesyre (Thioglycolsyre)
Thioglykolsäure
Thioglycolic acid
Acide mercaptoacétique (Acide thioglycolique)
Acido tioglicolico
Thioglycolzuur

T



R: 23/24/25-34

S: 2-25-27-28

Cas 76-05-1	No 607-091-00-1

Nota B

$CF_3 — COOH$
conc > 10 %

Trifluoreddikesyre . . . %
Trifluoressigsäure . . . %
Trifluoroacetic acid . . . %
Acide trifluoroacétique . . . %
Acido trifluoroacetico . . . %
Trifluoroazijnzuur . . . %

C



R: 20-35

S: 9-26-27-28

Cas No 76-05-1

No 607-091-01-9

Nota B

$CF_3 — COOH$

$2\% \leq \text{conc} \leq 10\%$

Trifluoreddikesyre . . . %
Trifluoressigsäure . . . %
Trifluoroacetic acid . . . %
Acide trifluoroacétique . . . %
Acido trifluoroacetico . . . %
Trifluorazijnzuur . . . %

Xi

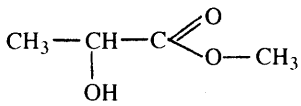


R: 36/37/38

S: 23-26

Cas No 547-64-8

No 607-092-00-7



Methyllactat
Methyllaktat
Methyl lactate
Lactate de méthyle
Metile lattato
Methyllactaat

R: 10

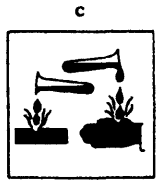
S: 23

Cas No 79-03-8	No 607-093-00-2

$CH_3 — CH_2 — COCl$

Propionylchlorid
Propionylchlorid
Propionyl chloride
Chlorure de propionyle
Propionile cloruro
Propionylchloride





R: 11-14-34

S: 9-16-26

Cas No 79-21-0	No 607-094-00-8

$CH_3—\overset{\overset{O}{\|}}{C}—OOH$

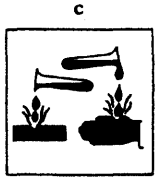
conc > 10%

Nota B

Nota D

Peroxyeddikesyre . . . %
(Pereddikesyre . . . %)
Peroxyessigsäure . . . %
(Peressigsäure . . . %)
Peracetic acid . . . %
Acide peracétique . . . %
Acido peracetico . . . %
Perazijnzuur . . . %



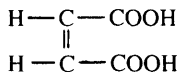


R: 5-22-34

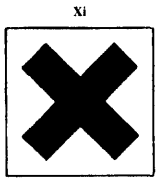
S: 3-27-36

Cas No 110-16-7

No 607-095-00-3



Maleinsyre
Maleinsäure
Maleic acid
Acide maléique
Acido maleico
Maleïnezuur

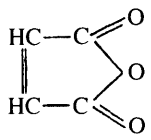


R: 22-36/37/38

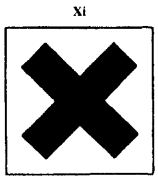
S: 26-28-37

Cas No 108-31-6

No 607-096-00-9



Maleinsyreanhydrid
Maleinsäureanhydrid
Maleic anhydride
Anhydride maléique
Anidride maleica
Maleïnezuuranhydride

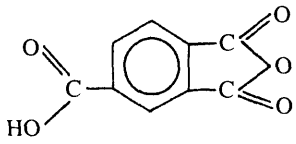


R: 22-36/37/38-42

S: 22-28-39

Cas No 552-30-7

No 607-097-00-4



1,2,4-Benzentricarboxylsyre-1,2-anhydrid
(Trimellitsyreanhydrid)

Trimellitsäureanhydrid
(1,2,4-Benzoltricarbonsäureanhydrid)

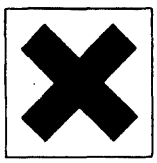
Benzene-1,2,4-tricarboxylic-1,2-anhydride
(Trimellitic anhydride)

1,2,-Anhydride 1,2,4-benzènetricarboxylique
(Anhydride trimellitique)

Anidride dell'acido 1,2,4-benzen tricarbossilico
(Anidride trimellitica)

1,2,4-Benzeentricarbonzuuranhydride
(Trimellietzuuranhydride)

Xi

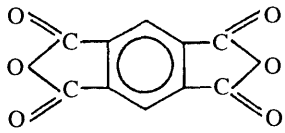


R: 36/37/38-42

S: 22-28

Cas No 89-32-7

No 607-098-00-X



1,2,4,5-Benzentetracarboxylsyredianhydrid
Pyromellitsyredianhydrid

Pyromellitsäuredianhydrid
(1,2,4,5-Benzoltetracarbonsäuredianhydrid)

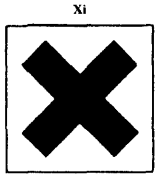
Benzene-1,2:4,5-tetracarboxylic dianhydride
(Pyromellitic dianhydride)

Dianhydride1,2:4,5-benzènetétracarboxylique
(Dianhydride pyromellitique)

Dianidride dell'acido 1,2,4,5-benzen tetracarbossilico
(Dianidride piromellitica)

1,2,4,5-Benzeentetracarbonzuurdianhydride
(Pyromellietzuurdianhydride)

Xi

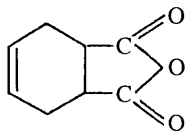


R: 36/37/38

S: 25

Cas No 85-43-8

No 607-099-00-5



4-Cyclohexen-1,2-dicarboxylsyreanhydrid
(Tetrahydrophthalsyreanhydrid)

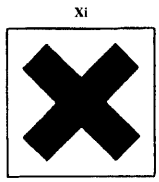
Tetrahydrophthalsäureanhydrid

Cyclohex-4-ene-1,2-dicarboxylic anhydride
(Tetrahydrophthalic anhydride)

Anhydride 4-cyclohèxene-1,2-dicarboxylique
(Anhydride tétrahydrophtalique)

Anidride tetraidroftalica
(Anidride 4-cicloesen-1,2-dicarbossilica)

4-Cyclohexeen-1,2-dicarbonzuuranhydride
(Tetrahydroftaalzuuranhydride)

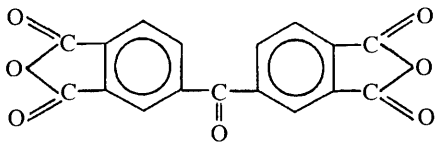


R: 36/37

S: 25

Cas No 2421-28-5

No 607-100-00-9



3,3′,4,4′-Benzophenontetracarboxylsyredianhydrid

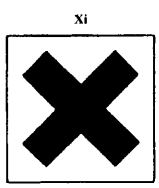
3,3,4,4′-Benzophenontetracarbonsäuredianhydrid
(4,4′-Carbonyldiphthalsäureanhydrid

Benzophenone-3,3′,4,4′-Tetracarboxylic dianhydride
[4,4′-Carbonyldi(phthalic anhydride)]

Dianhydride de 3,4:3′,4′-benzophénonetétracarboxylique
(Dianhydride 4,4′-carbonyldiphtalique

Dianidride 3,3′,4,4′-benzofenontetracarbossilica

3,3′,4,4′-Benzofenontetracarbonzuurdianhydride

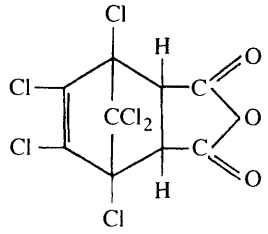


R: 36/37

S: 25

Cas No 115-27-5

No 607-101-00-4



1,4,5,6,7,7-Hexaclorbicyclo-[2.2.1]-hept-5-en-2,3-dicarboxylsyreanhydrid

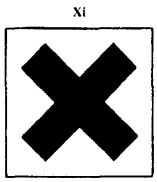
1,4,5,6,7,7-Hexachlorobicyclo-[2.2.1]-5-hept-5-en-2,3-dicarbonsäureanhydrid

1,4,5,6,7,7-Hexachlorobicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic anhydride (Chlorendic anhydride)

Anhydride 1,4,5,6,7,7-hexachlorobicyclo [2,2,1]-5-heptène-2,3-dicarboxylique (Anhydride chlorendique)

Anidride 1,4,5,6,7,7-esaclorobiciclo [2.2.1]-5-epten-2,3-dicarbossilica (Anidride clorendica)

2*H*-3*H*-Hexachloorbicyclo-[2.2.1]5hepteen-2,3-dicarbonzuuranhydride

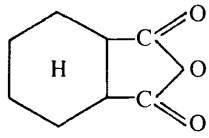


R: 36/37/38

S: 25

Cas No 85-42-7

No 607-102-00-X



1,2-Cyclohexandicarboxylsyreanhydrid (Hexahydrophthalsyreanhydrid)

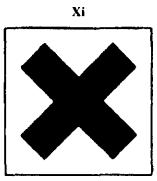
1,2-Cyclohexandicarbonsäureanhydrid (Hexahydrophthalsäureanhydrid)

Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride)

Anhydride 1,2-cyclohexanedicarboxylique (Anhydride hexahydrophtalique)

Anidride 1,2-cicloesandicarbossilica (Anidride esaidroftalica)

1,2-Cyclohexaandicarbonzuuranhydride (Hexahydroftaalzuuranhydride)

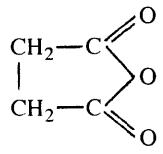


R: 36/37/38

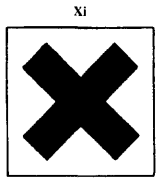
S: 23-39

Cas No 108-30-5

No 607-103-00-5



Ravsyreanhydrid
Bernsteinsäureanhydrid
Succinic anhydride
Anhydride succinique
Anidride succinica
Barnsteenzuuranhydride

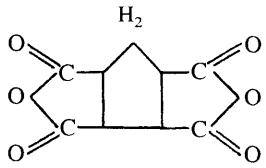


R: 36/37

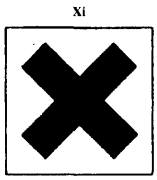
S: 25

Cas No

No 607-104-00-0



1,2,3,4-Cyclopentantetracarboxylsyredianhydrid
1,2,3,4-Cyclopentantetracarbonsäuredianhydrid
Cyclopentane-1,2,3,4-tetracarboxylic dianhydride
Dianhydride 1,2,3,4-cyclopentanetétracarboxylique
Dianidride 1,2,3,4-ciclopentan tetracarbossilica
1,2,3,4-Cyclopentaantetracarbonzuurdianhydride

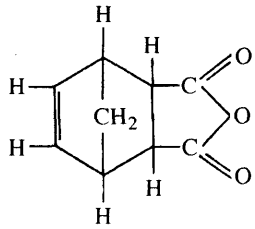


R: 36-37

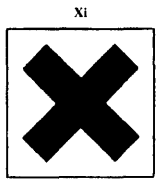
S: 25

Cas No 129-64-6

No 607-105-00-6



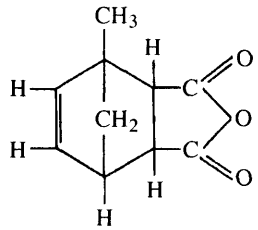
5-Norbornen-2,3-dicarbonoxylsyreanhydrid
5-cis-Norbornen-2,3-dicarbonsäureanhydrid
8,9,10-Trinorborn-5-ene-2,3-dicarboxylic anhydride
Anhydride 5-norbornène-2,3-dicarboxylique
Anidride endo-*cis*-biciclo *[2,2,1]*-5-epten-2,3-dicarbossilica
5-Norborneen-2,3-dicarbonzuuranhydride



R: 36/37/38

S: 39

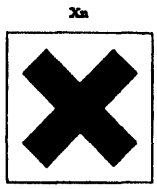
Cas No 25134-21-8



No 607-106-00-1

Nota C

1-Methyl-5-norbornen-2,3-dicarboxylsyreanhydrid
1-Methyl-5-norbornen-2,3-dicarbonsäureanhydrid
8,9-Dinorborn-5-ene-2,3-dicarboxylic anhydride
Anhydride-méthyl-5-norbornène-2,3-dicarboxylique
Anidride 1-meti-5-norbornen-2,3-dicarbossilica
1-Methyl-5-norborneen-2,3-dicarbonzuuranhydride



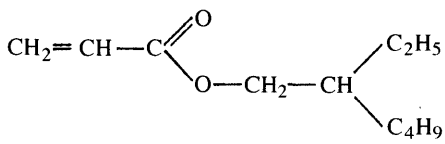
R: 22-36/37/38

S: 39

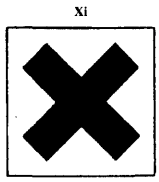
Cas No 103-11-7

No 607-107-00-7

Nota D



2-Ethylhexylacrylat
2-Ethylhexylacrylat
2-Ethylhexyl acrylate
Acrylate de 2-éthylhexyle
2-Etilesil acrilato
2-Ethylhexylacrylaat

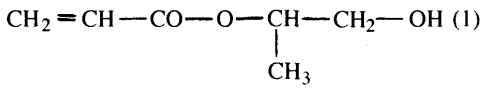


R: 37/38

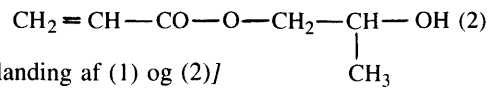
S:

Cas No 999-61-1

No 607-108-00-2



Nota D



Hydroxypropylacrylat *[*blanding af (1) og (2)*]*
Hydroxypropylacrylate *[*Gemisch (1) und (2)*]*
Hydroxypropyl acrylate *[*mixture of (1) and (2)*]*
Acrylate d'hydroxypropyle *[*mélange (1) et (2)*]*
Idrossipropilacrilato *[*miscela (1) e (2)*]*
Hydroxypropylacrylaat *[*Mengsel (1) en (2)*]*

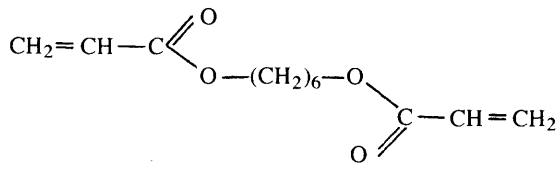


R: 23/24/25-34-43

S: 26-36/39-44

Cas No	No 607-109-00-8

Nota D



1,6-Hexandioldiacrylat

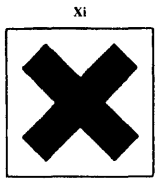
1,6-Hexandioldiacrylat

Hexamethylene diacrylate
(Hexane-1,6-diol diacrylate)

Diacrylate d'hexaméthylène
(Diacrylate de 1,6-hexanediol)

1,6-Esandiol diacrilato

1,6-Hexaandioldiacrylaat
(Hexamethyleendiacrylaat)

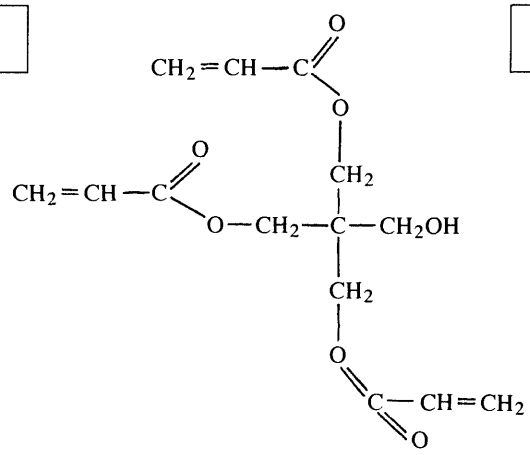


R: 36/38-43

S: 39

Cas No 3524-68-3	No 607-110-00-3

Nota D



Pentaerythritoltriacrylat

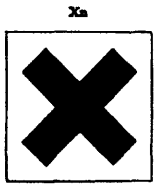
Pentaerythrittriacrylat

Pentaerythritol triacrylate

Diacrylate de 2-(acryloyloxyméthyl)-2-hydroxyméthyl-1,3-propanediyle
(Triacrylate de pentaérythritol

Pentaeritritol triacrilato

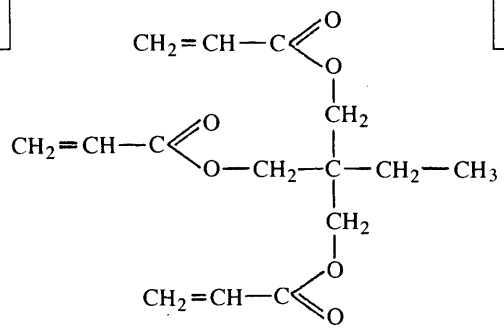
Pentaerythritoltriacrylaat



R: 36/38-43

S: 39

Cas No 15625-89-5



No 607-111-00-9

Nota D

1,1,1-Trihydroxymethylpropyltriacrylat
(Trimethylolpropantriacrylat)

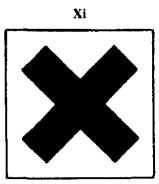
1,1,1-Trihydroxymethylpropyltriacrylat
(Trimethylolpropantriacrylat)

2,2-*Bis*(acryloyloxymethyl)butyl acrylate
(Trimethylolpropane triacrylate)

Diacrylate de 2-(acryloyloxyméthyl)-2-éthyl-1,3-propanediyle
(Triacrylate de triméthylolpropane)

Trimetilolpropan triacrilato

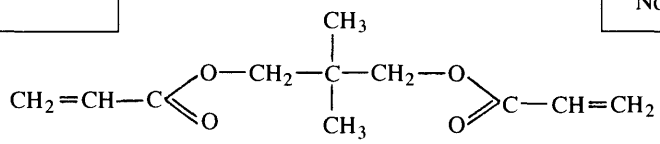
Trimethylolpropaantriacrylaat



R: 36/38-43

S: 39

Cas No



No 607-112-00-4

Nota D

2,2-Dimethylpropandiol-1,3-diacrylat
(Neopentylglycoldiacryl)

2,2-Dimethylpropandiol-1,3-diacrylat
(Neopentylglykoldiacrylat)

2,2-Dimethyltrimethylene diacrylate
(Neopentyl glycol diacrylate)

Diacrylate de 2,2-diméthyl-1,3-propanediyle
(Diacrylate de néopentylglycol)

Diacrilato di 2,2-dimetilpropan-1,3-propandiolo

2,2-Dimethylpropaandiol-1,3-diacrylaat
(Neopentylglycoldiacrylaat)

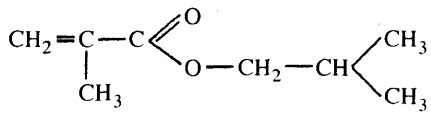


R: 24-36/38-43

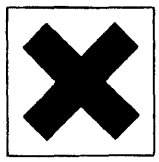
S: 28-39-44

Cas No 97-86-9	No 607-113-00-X

Nota D



Isobutylmethacrylat
2-Methylpropylmethacrylat
Isobutyl methacrylate
Méthacrylate d'isobutyle
Isobutil metacrilato
Isobutylmethacrylaat

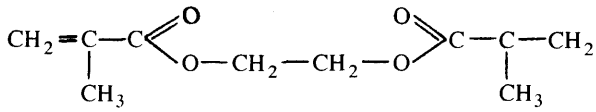


R: 10-36/37/38

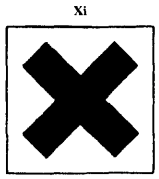
S:

Cas No	No 607-114-00-5

Nota D



Ethandiol-1,2-dimethacrylat
(Ethylenglycoldimethacrylat)
Ethandial-1,2-dimethacrylat
(Ethylenglykoldimethacrylat)
Ethylene dimethacrylate
(Ethylene glycol dimethacrylate)
Diméthacrylate d'éthylène
(Diméthacrylate d'éthylène-glycol)
Etilenglicole dimetacrilato
Dimethacrylaat van ethyleenglycol
Dimethacrylaat van ethaandiol



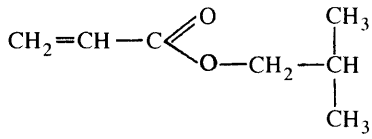
R: 36/37

S:

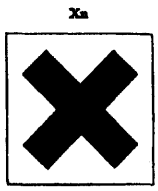
Cas No 106-63-8

No 607-115-00-0

Nota D



Isobutylacrylat
2-Methylpropylacrylat
Isobutyl acrylate
Acrylate d'isobutyle
Isobutile acrilato
Isobutylacrylaat



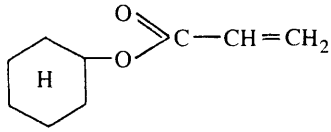
R: 10-20/21-38

S: 9

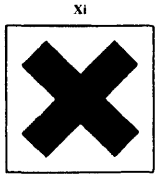
Cas No 3066-71-5

No 607-116-00-6

Nota D



Cyclohexylacrylat
Cyclohexylacrylat
Cyclohexyl acrylate
Acrylate de cyclohexyle
Cicloesile acrilato
Cyclohexylacrylaat

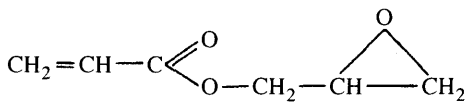


R: 37/38

S:

Cas No 106-90-1	No 607-117-00-1

Nota D



2,3-Epoxypropylacrylat
(Glycidylacrylat)

2,3-Epoxypropylacrylat
(Glycidylacrylat)

2,3-Epoxypropyl acrylate
(Glycidyl acrylate)

Acrylate de 2,3-époxypropyle
(Acrylate de glycidyle)

2,3-Epossipropile acrilato
(Glicidile acrilato)

2,3-Epoxypropylacrylaat
(Glycidylacrylaat)

T

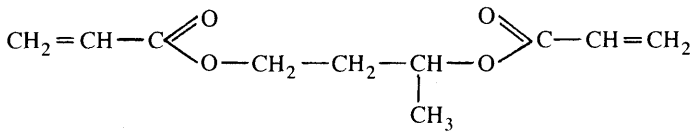


R: 23/24/25-34

S: 26-36/37/39-44

Cas No	No 607-118-00-7

Nota D



1,3-Butandioldiacrylat
(1,3-Butylenglycoldiacrylat)

1,3-Butandioldiacrylat

1-Methyltrimethylene diacrylate
(1,3-Butylene glycol diacrylate)

Diacrylate de 1-méthyl-1,3-propanediyle
(Diacrylate de 1,3-butylèneglykol)

1,3-Butandioldiacrilato

Diacrylaat van 1,3-butaandiol

C

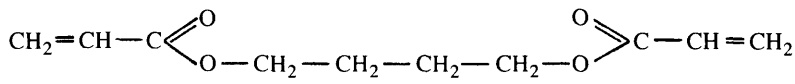


R: 21-34-43

S: 26-36/37/39

Cas No	No 607-119-00-2

Nota D



1,4-Butandioldiacrylat
1,4-Butylenglycoldiacrylat

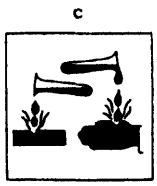
1,4-Butandioldiacrylat

Tetramethylene diacrylate
(1,4-Butyleneglycol diacrylate)

Diacrylate de tétraméthylène
(Diacrylate de 1,4-butylèneglycol)

1,4-Butandiol diacrilato

Diacrylaat van 1,4-butaandiol
(Diacrylaat van 1,4-butyleenglycol)

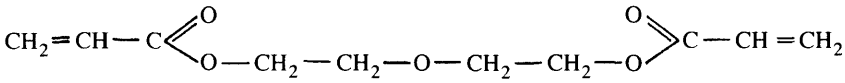


R: 21-34-43

S: 26-36/37/39

Cas No	No 607-120-00-8

Nota D



Diethylenglycoldiacrylat

Diethylenglykoldiacrylat

2,2′-Oxydiethyl diacrylate
(Diethylene glykol diacrylate)

Diacrylate de 2,2′-oxydiéthyle
(Diacrylate de diéthylèneglycol)

Dietileneglicoldiacrilato

Diacrylaat van diethyleenglycol

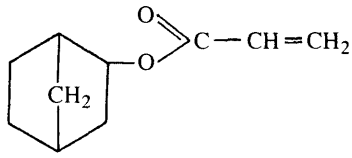


R: 24-36/38

S: 28-39-44

Cas No 10027-06-2	No 607-121-00-3

Nota D



Bicylco *[2,2,1]*-2-ylacrylat
(2-Norbornylacrylat)

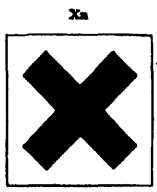
2-Norbornylacrylat

8,9,10-Trinorborn-2-yl acrylate

Acrylate de 2-norbornyle

2-Norbornilacrilato

2-Norbornylacrylaat

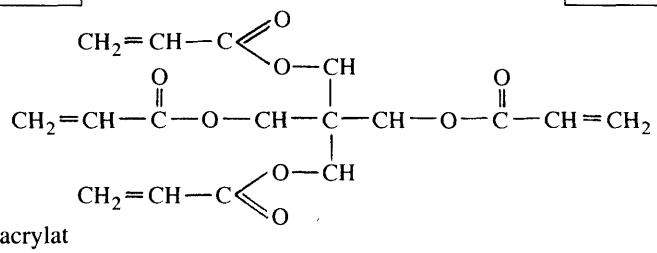


R: 21-38

S: 28

Cas No	No 607-122-00-9

Nota D



Pentaerythritoltetraacrylat

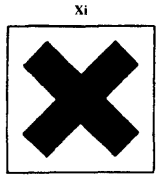
Pentaerythrittetraacrylat

Pentaerythritol tetraacrylate

Diacrylate de 2,2-bis(acryloyloxyméthyl)-1,3-propanediyle
(Tétraacrylate de pentaérythritol)

Pentaeritritol tetraacrilato

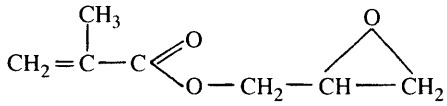
Pentaerythritoltetraacrylaat



R: 36/38/43

S: 26-39

Cas No 106-91-2	No 607-123-00-4



Nota D

2,3-Epoxypropylmethacrylat
(Glycidylmethacrylat)

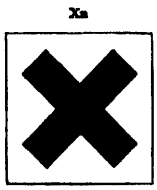
2,3-Epoxypropylmethacrylat
(Glycidylmethacrylat)

2,3-Epoxypropyl methacrylate
(Glycidyl methacrylate)

Méthacrylate de 2,3-époxypropyle
(Méthacrylate de glycidyle)

2,3-Epossipropile metacrilato
(Glicidil metacrilato)

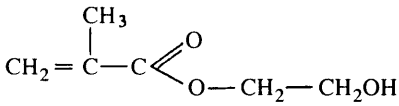
2,3-Epoxypropylmethacrylaat
(Glycidylmethacrylaat)



R: 20/21/22-36/38

S: 26-28

Cas No 868-77-9	No 607-124-00-X



Nota D

2-Hydroxyethylmethacrylat

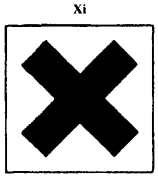
2-Hydroxyethylmethacrylat

2-Hydroxyethyl methacrylate

Méthacrylate de 2-hydroxyéthyle

2-Idrossietile metacrilato

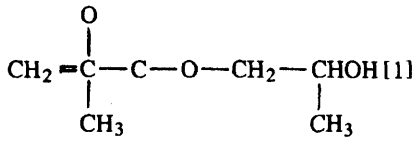
2-Hydroxyethylmethacrylaat



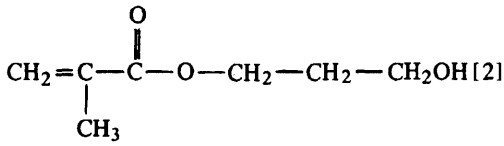
R: 36/38

S: 26-28

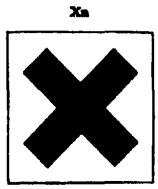
Cas No	No 607-125-00-5



Nota D



Hydroxypropylmethacrylat (Blanding *[1]* og *[2]*)
Hydroxypropylmethacrylat (Mischung *[1]* und *[2]*)
Hydroxypropyl methacrylate (Mixture *[1]* and *[2]*)
Méthacrylate d'hydroxypropyle (Mélange *[1]* et *[2]*)
Idrossipropile metacrilato (Miscela *[1]* e *[2]*)
3-Hydroxypropylmethacrylaat (Mengsel *[1]* en *[2]*)

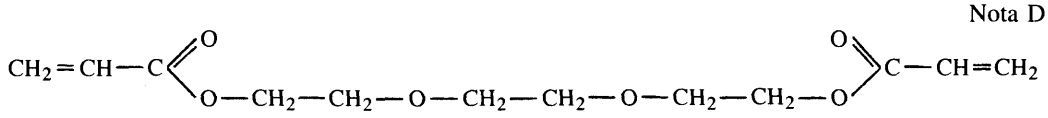


R: 36/38

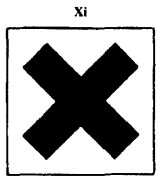
S: 26-28

Cas No	No 607-126-00-0

Nota D



Triethylenglycoldiacrylat
Triethylenglykoldiacrylat
2,2′-(Ethylenedioxy)diethyl diacrylate
(Triethylene glycol diacrylate)
Diacrylate de 2,2′-(éthylènedioxy)diéthyle
(Diacrylate de triéthylène glycol)
Trietilen glicole diacrilato
Diacrylaat van triethyleenglycol

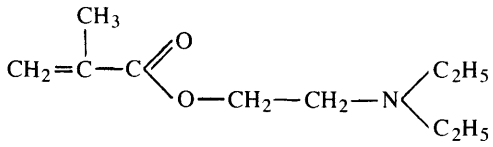


R: 36/38

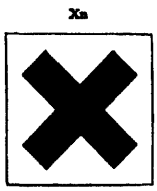
S: 26-28

Cas No	No 607-127-00-6

Nota D



2-Diethylaminoethylmethacrylat
2-Diethylaminoethylmethacrylat
2-Diethylaminoethyl methacrylate
Méthacrylate de 2-diéthylaminoéthyle
Metacrilato di 2-dietilamino etile
2-Diethylaminoethylmethacrylaat

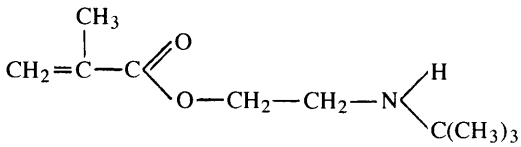


R: 20-36/38

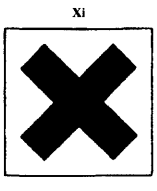
S: 26

Cas No 3775-90-4	No 607-128-00-1

Nota D



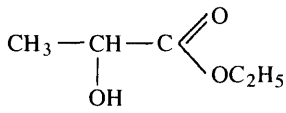
2-*tert*-Butylaminoethylmethacrylat
2-*tert*-Butylaminoethylmethacrylat
2-*tert*-Butylaminoethyl methacrylate
Méthacrylate de 2-*tert*-butylaminoéthyle
2-*tert*-Butilaminoetile metacrilato
2-*tert*-Butylaminoethylmethacrylaat



R: 36/38

S: 26

Cas No 97-64-3	No 607-129-00-7

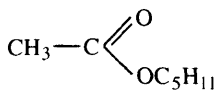


Ethyllactat
Ethyllaktat
Ethyl lactate
Lactate d'éthyle
Etil lattato
Ethyllactaat

	R: 10 **S:** 23

Cas No 628-63-7	No 607-130-00-2

Nota C

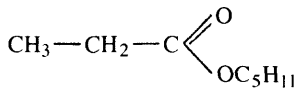


Pentylacetat (Amylacetat)
Pentylacetat (Amylacetat)
Pentyl acetate (Amyl acetate)
Acétate de pentyle (Acétate d'amyle)
Amile acetato
Pentylacetaat (Amylacetaat)

	R: 10 **S:** 23

Cas No 624-54-4	No 607-131-00-8

Nota C



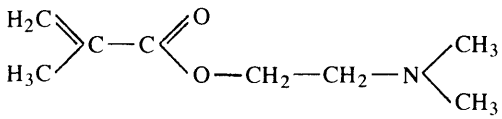
Pentylpropionat (Amylpropionat)
Amylpropionate
Pentyl propionate (Amyl propionate)
Propionate de pentyle (Propionate d'amyle)
Amile propionato
Amylpropionaat

R: 10

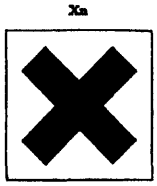
S: 23

Cas No 2867-47-2	No 607-132-00-3

Nota D



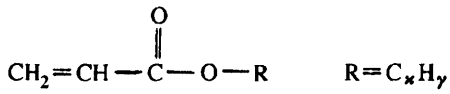
2-Dimethylaminoethylmethacrylat
2-Dimethylaminoethylmethacrylat
2-Dimethylaminoethyl methacrylate
Méthacrylate de 2-diméthylaminoéthyle
2-Dimetilaminoetil metacrilato
2-Dimethylaminoethylmethacrylaat



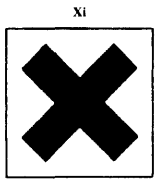
R: 21/22-36/38

S: 26-28

Cas No	No 607-133-00-9



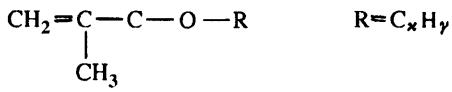
Acrylater undtagen sådanne nævnt andetsteds i dette bilag
Acrylate mit Ausnahme der namentlich in dieser Anlage bezeichneten
Acrylate with the exception of those specified elsewhere in this Annex
Acrylates à l'exclusion de ceux nommément désignés dans cette annexe
Acrilati eşclusi quelli espressamente indicati in questo allegato
Acrylaten met uitzondering van deze met name genoemd in deze bijlage



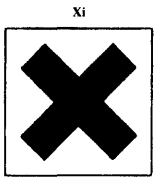
R: 36/37/38

S: 26-28

Cas No	No 607-134-00-4



Methacrylater undtagen sådanne nævnt andetsteds i dette bilag
Methacrylate mit Ausnahme der namentlich in dieser Anlage bezeichneten
Methacrylate with the exception of those specified elsewhere in this Annex
Méthacrylates à l'exclusion de ceux nommément désignés dans cette annexe
Metacrilati esclusi quelli espressamente indicati in questo allegato
Methacrylaten met uitzondering van deze met name genoemd in deze bijlage



R: 36/37/38

S: 26-28

Cas No 109-77-3	No 608-009-00-7

$$CN — CN_2 — CN$$

Malonnitril
Malonsäuredinitril
Malononitrile
Malononitrile
Malononitrile
Malonnitril

T



R: 23/24/25

S: 23-27

Cas No 126-98-7	No 608-010-00-2

Nota D

$$CH_2{=}C(CH_3){-}C{\equiv}N$$

2-Methyl-2-propennitril (Methacrylnitril)
Methacrylnitril (2-Methyl-2-propennitril)
Methacrylonitrile (2-Methyl-2-propene nitrile)
Méthacrylonitrile
2-Metil-2-propene nitrile (Metacrilonitrile)
2-Methyl-2-propeennitril

F T





R: 11-23/24/25

S: 9-16-18-29-45

Cas No 460-19-5

No 608-011-00-8



Dicyan
Oxalsäuredinitril (Dicyan)
Cyanogen
Oxalonitrile (Cyanogène)
Cianogeno
Cyanogeen





R: 11-23

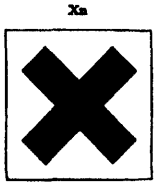
S: 23-44

Cas No 79-24-3

No 609-035-00-1

$CH_3 — CH_2 — NO_2$

Nitroethan
Nitroethan
Nitroethane
Nitroéthane
Nitroetano
Nitroethaan

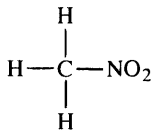


R: 10-20/22

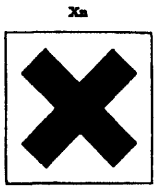
S: 9-25-41

Cas No 75-52-5

No 609-036-00-7



Nitromethan
Nitromethan
Nitromethane
Nitrométhane
Nitrometano
Nitromethaan

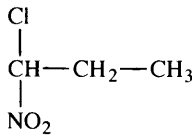


R: 5-10-22

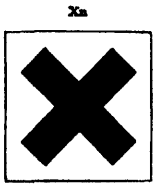
S: 41

Cas No 600-25-9

No 610-007-00-6



1-Chlor-1-nitropropan
1-Chlor-1-nitropropan
1-Chloro-1-nitropropane
1-Chloro-1-nitropropane
1-Cloro-1-nitropropano
1-Chloor-1-nitropropaan

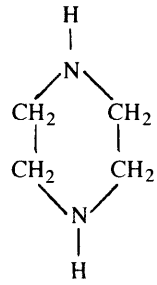


R: 20/22

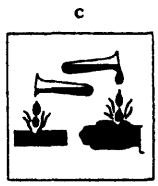
S:

Cas No 110-85-0

No 612-057-00-4



Piperazin
Piperazin
Piperazine
Pipérazine
Piperazina
Piperazine

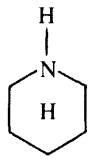


R: 34

S: 26-36

Cas No 110-89-4

No 613-027-00-3



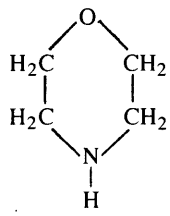
Piperidin
Piperidin
Piperidine
Pipéridine
Piperidina
Piperidine



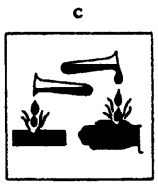
R: 11-23/24-34

S: 16-26-27-44

Cas No 110-91-8	No 613-028-00-9



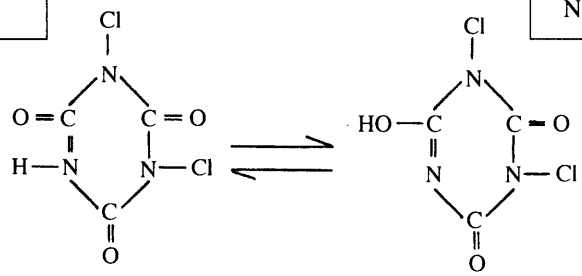
Morpholin
Morpholin
Morpholine
Morpholine
Morfolina
Morfoline



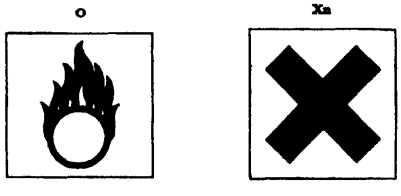
R: 10-20/21/22-34

S: 23-36

Cas No 2782-57-2	No 613-029-00-4



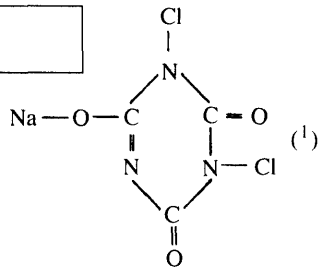
Dichlorisocyanursyre
Dichlorisocyanursäure
(1,3-Dichlor-5*H*-(1,3,5)-triazin-2,4,6-trion)
Dichloroisocyanuric acid (Dichloro-1,3,5-triazinetrione)
1,3-Dichloro-*S*-triazine-2,4,6-trione
(Acide dichloroisocyanurique)
Acido dicloroisocianurico
Dichloorisocyanuurzuur



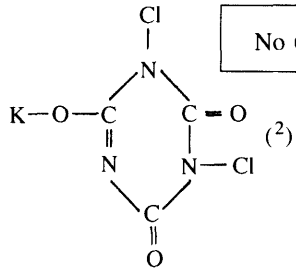
R: 8-22-31-36/37

S: 8-26-41

Cas No



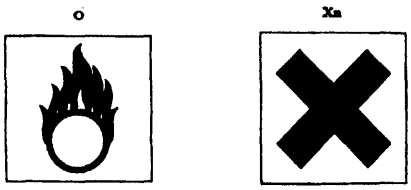
(1)



(2)

No 613-030-00-X

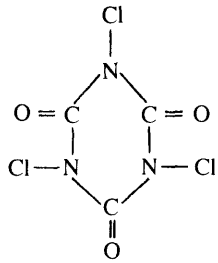
Natriumsalt af dichlorisocyanursyre(1)
Kaliumsalt af dichlorisocyanursyre(2)
Dichlorisocyanursäure, Natriumsalz(1)
[1,3-Dichlor-5*H*-(1,3,5)-triazin-2,4,6-trion, Natriumsalz](1)
Dichlorisocyanursäure, Kaliumsalz(2)
[1,3-Dichlor-5*H*-(1,3,5)-triazin-2,4,6-trion, Kaliumsalz](2)
Sodium salt of dichloroisocyanuric acid(1)
(Dichloro-1,3,5-triazinetrione; sodium salt)(1)
Potassium salt of dichloroisocyanuric acid(2)
(Dichloro-1,3,5-triazinetrione; potassium salt)(2)
Sel de sodium de l'acide dichloroisocyanurique(1)
Sel de potassium de l'acide dichloroisocyanurique(2)
Sale di sodio dell'acido dicloroisocianurico(1)
Sale di potassio dell'acido dicloroisocianurico(2)
Natriumzout van dichloorisocyanuurzuur(1)
Kaliumzout van dichloorisocyanuurzuur(2)



R: 8-22-31-36/37

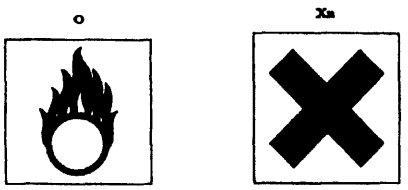
S: 8-26-41

Cas No 87-90-1



No 613-031-00-5

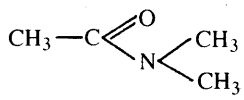
Trichlorisocyanursyre
Trichlorisocyanursäure
(1,3,5-Trichlor-1,3,5-triazin-2,4,6-trion)
Trichloroisocyanuric acid
(Trichloro-1,3,5-triazinetrione)
Trichloro-*s*-triazine-2,4,6-trione
(Acide trichloroisocyanurique)
Tricloro-*s*-triazina-2,4,6-trione
(Acido tricloroisocianurico)
Trichloorisocyanuurzuur



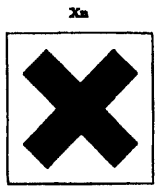
R: 8-22-31-36/37

S: 8-26-41

Cas No 127-19-5	No 616-011-00-4



N,N-Dimethylacetamid
N,N-Dimethylacetamid
N,N-Dimethylacetamide
N,N-Diméthylacétamide
N,N-Dimetilacetammide
N,N-Dimethylaceetamide



R: 20/21-36

S: 26-28-36