

SAFETY DATA SHEET

Version #: 10
Issue date: 06-27-2014
Revision date: 01-30-2025
Supersedes date: 08-04-2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture Insulcure 20 - Part B

Registration number -

Synonyms None.

SKU# IE315H

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Not available.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company Name ITW Performance Polymers

Address
Bay 150
Shannon Industrial Estate
Co. Clare
Ireland
V14 DF82

Contact Person Customer Service

Telephone Number 353(61)771500

353(61)471285

Email customerservice.shannon@itwpp.com

Emergency Phone Number 44(0) 1235 239 670 (24 hours)

1.4. Emergency telephone number

General in EU 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Austria National Poisons Information Center +431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Belgium National Poisons Control Center 070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Bulgaria National Toxicological Information Center +359 2 9154 233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Croatia Poisons Information Center +385 1 2348 342 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Cyprus Poison Center 1401 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Czech Republic National Poisons Information Center +420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Denmark National Poisons Control Center +45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Estonia National Poisons Information Center 16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)

Finland National Poison Information Center (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

1.4. Emergency telephone number

| | |
|---|--|
| France National Poisons Control Center | ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Greece Poison Information Centre | (0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Hungary National Emergency Phone Number | +36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Iceland Poison Center | (+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Latvia Emergency medical aid | 113 |
| Latvia Poison and Drug Information Center | +371 67042473 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Lithuania Neatidėliotina informacija apsinuodijus | +370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.) |
| Malta Accident and Emergency Department | 2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.) |
| Netherlands National Poisons Information Center (NVIC) | NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications) |
| Norway Norwegian Poison Information Center | 22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Portugal Poison Center | 800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Romania Biroul RSI si Informare Toxicologica | 021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.) |
| Slovakia National Toxicological Information Center | +421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Spain Toxicology Information Service | + 34 91 562 04 20 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Sweden National Poison Information Center | 112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
| Switzerland Tox Info Suisse | 145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies. The classification of the substance or mixture has been performed in accordance with ABNT NBR 14725.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

| | | |
|-----------------------------------|-------------|---|
| Acute toxicity, oral | Category 4 | H302 - Harmful if swallowed. |
| Acute toxicity, dermal | Category 4 | H312 - Harmful in contact with skin. |
| Acute toxicity, inhalation | Category 3 | |
| Skin corrosion/irritation | Category 1B | H314 - Causes severe skin burns and eye damage. |
| Serious eye damage/eye irritation | Category 1 | H318 - Causes serious eye damage. |
| Skin sensitization | Category 1 | H317 - May cause an allergic skin reaction. |
| Reproductive toxicity (fertility) | Category 1B | H360F - May damage fertility. |

Environmental hazards

| | | |
|--|------------|--|
| Hazardous to the aquatic environment, long-term aquatic hazard | Category 1 | H410 - Very toxic to aquatic life with long lasting effects. |
|--|------------|--|

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

UFI:

EU: 4X15-817J-Q00M-2USR

Contains:

POLYAMINES AND FATTY ACIDS REACTANT, 3,6,9-triazaundecamethylenediamine; tetraethylenepentamine, bisphenol A; 4,4'-isopropylidenediphenol, 2,2'-iminodiethylamine; diethylenetriamine

Hazard pictograms



Signal word

Danger

Hazard statements

| | |
|-------|---|
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| H360F | May damage fertility. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Precautionary statements

Prevention

| | |
|------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P260 | Do not breathe dust or mists. |
| P261 | Avoid breathing mist/vapors. |
| P264 | Wash thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |

Response

| | |
|--------------------|--|
| P330 | Rinse mouth. |
| P301 + P330 + P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P302 + P352 | IF ON SKIN: Wash with plenty of water. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308 + P313 | IF exposed or concerned: Get medical advice/attention. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P391 | Collect spillage. |

Storage

| | |
|------|------------------|
| P405 | Store locked up. |
|------|------------------|

Disposal

| | |
|------|---|
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------|---|

Supplemental label information

Restricted to professional users. 72,5% of the mixture consists of component(s) of unknown acute oral toxicity. 72,5% of the mixture consists of component(s) of unknown acute dermal toxicity. 90% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 87,5% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

2.3. Other hazards

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|--|-----------|-------------------------|------------------------|--------------|-------|
| POLYAMINES AND FATTY ACIDS REACTANT | 70 - < 80 | 68953-36-6 273-201-6 | - | - | |
| Classification: - | | | | | |
| 3,6,9-triazaundecamethylenediamine; tetraethylenepentamine | 5 - 10 | 112-57-2 203-986-2 | - | 612-060-00-0 | |
| Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Acute Tox. 4;H312;(ATE: 1100 mg/kg bw), Skin Corr. 1B;H314, Eye Dam. 1;H318, Skin Sens. 1;H317, Aquatic Chronic 2;H411 | | | | | |
| bisphenol A; 4,4'-isopropylidenediphenol | 5 - 10 | 80-05-7 201-245-8 | 01-2119457856-23-0000 | 604-030-00-0 | # |
| Classification: Eye Dam. 1;H318, Skin Sens. 1;H317, Repr. 1B;H360F, STOT SE 3;H335, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=10), Aquatic Chronic 2;H411(M=10) | | | | | |
| 2,2'-iminodiethylamine; diethylenetriamine | 1 - 5 | 111-40-0 203-865-4 | 01-2119473793-27-0000 | 612-058-00-X | |
| Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Acute Tox. 4;H312;(ATE: 1100 mg/kg bw), Skin Corr. 1B;H314, Eye Dam. 1;H318, Skin Sens. 1;H317 | | | | | |

List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Chemical burns must be treated by a physician. Get medical advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

4.2. Most important symptoms and effects, both acute and delayed

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

4.3. Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards

No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media

Alcohol resistant foam. Powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapors. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid breathing mist/vapors. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

ANNEX 1, PART 1 Categories of dangerous substances

Hazard categories in accordance with Regulation (EC) No 1272/2008

- H2 ACUTE TOXIC (Lower-tier requirements = 50 tons; Upper-tier requirements = 200 tons)

- E1 Hazardous to the Aquatic Environment Chronic (Lower-tier requirements = 100 tons; Upper-tier requirements = 200 tons)

7.3. Specific end use(s)

Observe industrial sector guidance on best practices.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001, as amended

| Components | Type | Value | Form |
|---|---------|---------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | MAK | 4 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | Ceiling | 5 mg/m3 | Inhalable fraction. |
| | MAK | 2 mg/m3 | Inhalable fraction. |

Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended

| Components | Type | Value |
|---|------|------------------------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4,3 mg/m ³ 1 ppm |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m ³ |

Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended

| Components | Type | Value | Form |
|---|------|---------------------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4 mg/m ³ | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m ³ | Inhalable fraction. |

Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended

| Components | Type | Value | Form |
|---|------|------------------------------------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | MAC | 4,3 mg/m ³ 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | MAC | 2 mg/m ³ | Inhalable fraction. |

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended

| Components | Type | Value |
|---|------|----------------------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4 mg/m ³ 1 ppm |

Cyprus. OELs. Occupational Exposure Limit Values of Chemicals at Work (Safety and Health at Work (Chem. Agents) Reg., Ann. 1, R.A.A. 268/2001, as amended)

| Components | Type | Value | Form |
|--|------|---------------------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m ³ | Inhalable fraction. |

Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)

| Components | Type | Value | Form |
|---|---------|---------------------|--------------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | Ceiling | 8 mg/m ³ | |
| | TWA | 4 mg/m ³ | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | Ceiling | 5 mg/m ³ | Dust/aerosol, inhalable. |
| | TWA | 2 mg/m ³ | Dust/aerosol, inhalable. |

Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

| Components | Type | Value | Form |
|---|------|----------------------------------|------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 8 mg/m ³ 2 ppm | |
| | TLV | 4 mg/m ³ | |

Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

| Components | Type | Value | Form |
|--|------|---------|--------------|
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | STEL | 4 mg/m3 | Particulate. |
| | TLV | 2 mg/m3 | Particulate. |

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended

| Components | Type | Value | Form |
|---|------|-----------|----------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 10 mg/m3 | |
| | | 2 ppm | |
| | TWA | 4,5 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Respirable fraction. |

Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health

| Components | Type | Value | Form |
|---|------|-----------|------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 13 mg/m3 | |
| | | 3 ppm | |
| | TWA | 4,3 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | |

France. OELs. Occupational Exposure Limits as Prescribed by Art. R.4412-149 of Labor Code, as amended

| Components | Type | Value | Form |
|--|------|---------|-----------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | VME | 2 mg/m3 | Inhalable dust. |

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 5 mg/m3 | Inhalable fraction. |

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | AGW | 5 mg/m3 | Inhalable fraction. |

Greece. OELs, Presidential Decree No. 307/1986, as amended

| Components | Type | Value | Form |
|---|------|---------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended

| Components | Type | Value |
|---|------|---------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 8 mg/m3 |
| | | 2 ppm |
| | TWA | 4 mg/m3 |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | | 1 ppm |
| | TWA | 2 mg/m3 |

Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended

| Components | Type | Value | Form |
|---|------|-----------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4,5 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations

| Components | Type | Value | Form |
|---|------|---------|-----------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable dust. |

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended

| Components | Type | Value | Form |
|---|------|---------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 1 ppm | |
| | | | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended

| Components | Type | Value | Form |
|---|------|-----------|------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 10 mg/m3 | |
| | | 2 ppm | |
| | TWA | 4,5 mg/m3 | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | | 1 ppm | |
| | TWA | 10 mg/m3 | Respirable dust. |

Luxembourg. OELs. Binding Occupational Exposure Limit Values (Annex I), G.D.R. of 14 November 2016, OJ Memorial A, n ° 235/2016, as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Malta. OELs. Protection of Health and Safety of Workers from Risks related to Chemical Agents at Work (L.N 227/2003 Schedules I and V), as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant no. 252, 29 December 2006), as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended

| Components | Type | Value |
|---|------|----------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TLV | 4 mg/m3 1 ppm |

Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

| Components | Type | Value | Form |
|---|------|----------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 12 mg/m3 | |
| | TWA | 4 mg/m3 | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Portugal. Decree-Law No. 24/2012, Occupational Exposure Limit Values, Annex II, as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)

| Components | Type | Value |
|---|------|-------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 1 ppm |

Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)

| Components | Type | Value | Form |
|---|------|--------------------|--|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 4 mg/m3 | |
| | | 1 ppm | |
| | TWA | 2 mg/m3 0,5 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Gaseous and vapor, inhalable fraction |

Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Ann. I 100/2001), as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | KTV | 2 mg/m3 | Inhalable fraction. |

Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

| Components | Type | Value |
|---|------|-----------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4,3 mg/m3 |
| | | 1 ppm |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 |

Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended

| Components | Type | Value | Form |
|---|------|-----------|-----------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | STEL | 10 mg/m3 | |
| | | 2 ppm | |
| | TWA | 4,5 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable dust. |

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

| Components | Type | Value | Form |
|---|------|---------|---------------------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4 mg/m3 | |
| | | 1 ppm | |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 3 mg/m3 | Inhalable fraction. |

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

| Components | Type | Value |
|---|------|-----------|
| 2,2'-iminodiethylamine; diethylenetriamine (CAS 111-40-0) | TWA | 4,3 mg/m3 |
| | | 1 ppm |
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 |

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

EU. OELs, Directive 2004/37/EC on carcinogen and mutagens from Annex III, Part A, as amended

| Components | Type | Value | Form |
|--|------|---------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | TWA | 2 mg/m3 | Inhalable fraction. |

| | |
|---|--|
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Recommended monitoring procedures | Follow standard monitoring procedures. |
| Derived no effect levels (DNELs) | Not available. |
| Predicted no effect concentrations (PNECs) | Not available. |

8.2. Exposure controls

| | |
|---|--|
| Appropriate engineering controls | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. |
|---|--|

Individual protection measures, such as personal protective equipment

| | |
|-------------------------------|--|
| General information | Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. |
| Eye/face protection | Chemical respirator with organic vapor cartridge and full facepiece. |
| Skin protection | |
| - Hand protection | Wear appropriate chemical resistant gloves. |
| - Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | Chemical respirator with organic vapor cartridge and full facepiece. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |

| | |
|-------------------------|--|
| Hygiene measures | Observe any medical surveillance requirements. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |
|-------------------------|--|

| | |
|--|--|
| Environmental exposure controls | Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels. |
|--|--|

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|---|-----------------------|
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Amber |
| Odor | Ammoniacal. |
| Melting point/freezing point | Not available. |
| Boiling point or initial boiling point and boiling range | >374 °F (>190 °C) |
| Flammability | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Flash point | >258,8 °F (>126,0 °C) |
| Auto-ignition temperature | Not available. |

| | |
|--|------------------------|
| Decomposition temperature | Not available. |
| pH | Not available. |
| Kinematic viscosity | Not available. |
| Solubility | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) (log value) | Not available. |
| Vapor pressure | <1 mm Hg |
| Density and/or relative density | |
| Density | 0,98 g/cm ³ |
| Vapor density | Not available. |
| Particle characteristics | Not available. |

9.2. Other information

9.2.1. Information with regard to physical hazard classes No relevant additional information available.

9.2.2. Other safety characteristics

| | |
|-------------------------|------|
| Specific gravity | 0,98 |
| VOC | 0 |

SECTION 10: Stability and reactivity

| | |
|---|---|
| 10.1. Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| 10.2. Chemical stability | Material is stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| 10.4. Conditions to avoid | Contact with incompatible materials. |
| 10.5. Incompatible materials | Strong acids. Alkaline metals. |
| 10.6. Hazardous decomposition products | No hazardous decomposition products are known. |

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| Skin contact | Causes severe skin burns. Harmful in contact with skin. May cause an allergic skin reaction. |
| Eye contact | Causes serious eye damage. |
| Ingestion | Causes digestive tract burns. Harmful if swallowed. |

Symptoms Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Harmful in contact with skin. Harmful if swallowed.

| Components | Species | Test Results |
|--|----------------|---------------------|
| bisphenol A; 4,4'-isopropylidenediphenol (CAS 80-05-7) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 3000 mg/kg |
| Oral | | |
| LD50 | Rat | 3250 mg/kg |

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

| | |
|---|---|
| Germ cell mutagenicity | Due to partial or complete lack of data the classification is not possible. |
| Carcinogenicity | Due to partial or complete lack of data the classification is not possible. |
| Reproductive toxicity | May damage fertility. |
| Specific target organ toxicity - single exposure | Due to partial or complete lack of data the classification is not possible. |
| Specific target organ toxicity - repeated exposure | Due to partial or complete lack of data the classification is not possible. |
| Aspiration hazard | Due to partial or complete lack of data the classification is not possible. |
| Mixture versus substance information | No information available. |

11.2. Information on other hazards

| | |
|--|---|
| Endocrine disrupting properties | This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| Other information | Not available. |

SECTION 12: Ecological information

| | |
|--|--|
| 12.1. Toxicity | Very toxic to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard. |
| 12.2. Persistence and degradability | No data is available on the degradability of any ingredients in the mixture. |
| 12.3. Bioaccumulative potential | |
| Partition coefficient n-octanol/water (log Kow) | |
| 3,6,9-triazaundecamethylenediamine; tetraethylenepentamine | 1,503 |
| bisphenol A; 4,4'-isopropylidenediphenol | 3,32 |
| Bioconcentration factor (BCF) | Not available. |
| 12.4. Mobility in soil | No data available. |
| 12.5. Results of PBT and vPvB assessment | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. |
| 12.6. Endocrine disrupting properties | This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| 12.7. Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|--|
| Residual waste | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. |
| Contaminated packaging | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| EU waste code | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Disposal methods/information | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Special precautions | Dispose in accordance with all applicable regulations. |

SECTION 14: Transport information

ADR

| | |
|--------------------------------------|---|
| 14.1. UN number | UN2735 |
| 14.2. UN proper shipping name | AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3,6,9-triazaundecamethylenediamine; tetraethylenepentamine; 2,2'-iminodiethylamine; diethylenetriamine) |

14.3. Transport hazard class(es)

Class 8
Subsidiary hazard -
Label(s) 8
Hazard No. (ADR) 80
Tunnel restriction code E

14.4. Packing group II

14.5. Environmental hazards Yes

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

RID

14.1. UN number UN2735

14.2. UN proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3,6,9-triazaundecamethylenediamine; tetraethylenepentamine, 2,2'-iminodiethylamine; diethylenetriamine)

14.3. Transport hazard class(es)

Class 8
Subsidiary hazard -
Label(s) 8

14.4. Packing group II

14.5. Environmental hazards Yes

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

ADN

14.1. UN number UN2735

14.2. UN proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3,6,9-triazaundecamethylenediamine; tetraethylenepentamine; 2,2'-iminodiethylamine; diethylenetriamine)

14.3. Transport hazard class(es)

Class 8
Subsidiary hazard -
Label(s) 8

14.4. Packing group II

14.5. Environmental hazards Yes

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

14.1. UN number UN2735

14.2. UN proper shipping name Amines, liquid, corrosive, n.o.s. (3,6,9-triazaundecamethylenediamine; tetraethylenepentamine, 2,2'-iminodiethylamine; diethylenetriamine)

14.3. Transport hazard class(es)

Class 8
Subsidiary hazard -

14.4. Packing group II

14.5. Environmental hazards Yes

ERG Code 8L

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

IMDG

14.1. UN number UN2735

14.2. UN proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3,6,9-triazaundecamethylenediamine; tetraethylenepentamine, 2,2'-iminodiethylamine; diethylenetriamine), MARINE POLLUTANT

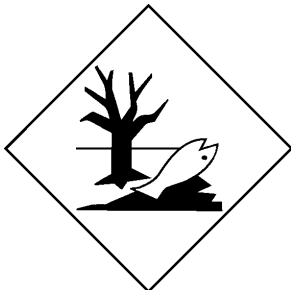
14.3. Transport hazard class(es)

Class 8

| | |
|---|---|
| Subsidiary hazard | - |
| 14.4. Packing group | II |
| 14.5. Environmental hazards | |
| Marine pollutant | Yes |
| EmS | F-A, S-B |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| 14.7. Maritime transport in bulk according to IMO instruments | Not established. |
| ADN; ADR; IATA; IMDG; RID | |



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

UFI:

EU: 4X15-817J-Q00M-2USR

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended

Not listed.

Other EU regulations Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

ANNEX 1, PART 1 Categories of dangerous substances
Hazard categories in accordance with Regulation (EC) No 1272/2008
- H2 ACUTE TOXIC
- E1 Hazardous to the Aquatic Environment Chronic

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other regulations The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations According to Directive 92/85/EEC as amended, pregnant women should not work with the product, if there is the least risk of exposure.

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended. Use of this product by young persons under the age of 18 is not allowed in accordance with the Management of Health and Safety at Work Regulations 1999 [SI 1999/3242], as amended. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

France regulations

France INRS Table of Occupational Diseases

Not regulated.

Product registration number

| | |
|-----------------------|--------------------------|
| Austria | UFI: 4X15-817J-Q00M-2USR |
| Belgium | UFI: 4X15-817J-Q00M-2USR |
| Czech Republic | UFI: 4X15-817J-Q00M-2USR |
| Denmark | UFI: 4X15-817J-Q00M-2USR |
| European Union | UFI: 4X15-817J-Q00M-2USR |
| Finland | UFI: 4X15-817J-Q00M-2USR |
| France | UFI: 4X15-817J-Q00M-2USR |
| Germany | UFI: 4X15-817J-Q00M-2USR |
| Greece | UFI: 4X15-817J-Q00M-2USR |
| Hungary | UFI: 4X15-817J-Q00M-2USR |
| Italy | UFI: 4X15-817J-Q00M-2USR |
| Netherlands | UFI: 4X15-817J-Q00M-2USR |
| Norway | UFI: 4X15-817J-Q00M-2USR |
| Poland | UFI: 4X15-817J-Q00M-2USR |
| Portugal | UFI: 4X15-817J-Q00M-2USR |
| Slovakia | UFI: 4X15-817J-Q00M-2USR |
| Slovenia | UFI: 4X15-817J-Q00M-2USR |
| Spain | UFI: 4X15-817J-Q00M-2USR |
| Sweden | UFI: 4X15-817J-Q00M-2USR |
| Switzerland | UFI: 4X15-817J-Q00M-2USR |

15.2. Chemical safety assessment No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MAC: Maximum Allowed Concentration.

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit.

TLV: Threshold Limit Value.

TWA: Time Weighted Average.

VLE: Exposure Limit Value.

VME: Exposure Average Value.

vPvB: Very persistent and very bioaccumulative.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements, which are not written out in full under sections 2 to 15

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H360F May damage fertility.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Revision information

This document has undergone significant changes and should be reviewed in its entirety.

Training information

Follow training instructions when handling this material.

Disclaimer

ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.