

SAFETY DATA SHEET

Version #: 08

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

1.1. Product identifier

Trade name or designation of the mixture IXT-59 Solvent

Registration number -

Synonyms None.

SKU# RT910E, RT911E

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.)

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.)

1.4. Emergency telephone number

| | |
|---|---|
| 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.

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

Physical hazards

| | | |
|-------------------|------------|------------------------------------|
| Flammable liquids | Category 3 | H226 - Flammable liquid and vapor. |
|-------------------|------------|------------------------------------|

Health hazards

| | | |
|--|-----------------------------|---|
| Specific target organ toxicity - single exposure | Category 3 narcotic effects | H336 - May cause drowsiness or dizziness. |
|--|-----------------------------|---|

2.2. Label elements

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

Austria: AND0-808V-K00G-2XS5
Belgium: AND0-808V-K00G-2XS5
Bulgaria: AND0-808V-K00G-2XS5
Croatia: AND0-808V-K00G-2XS5
Cyprus: AND0-808V-K00G-2XS5
Czech Republic: AND0-808V-K00G-2XS5
Denmark: AND0-808V-K00G-2XS5
Estonia: AND0-808V-K00G-2XS5
EU: AND0-808V-K00G-2XS5
Finland: AND0-808V-K00G-2XS5
France: AND0-808V-K00G-2XS5
Germany: AND0-808V-K00G-2XS5
Greece: AND0-808V-K00G-2XS5
Hungary: AND0-808V-K00G-2XS5
Iceland: AND0-808V-K00G-2XS5
Ireland: AND0-808V-K00G-2XS5
Italy: AND0-808V-K00G-2XS5
Latvia: AND0-808V-K00G-2XS5
Lithuania: AND0-808V-K00G-2XS5
Luxembourg: AND0-808V-K00G-2XS5
Malta: AND0-808V-K00G-2XS5
Netherlands: AND0-808V-K00G-2XS5
Norway: AND0-808V-K00G-2XS5
Poland: AND0-808V-K00G-2XS5
Portugal: AND0-808V-K00G-2XS5
Romania: AND0-808V-K00G-2XS5
Slovakia: AND0-808V-K00G-2XS5
Slovenia: AND0-808V-K00G-2XS5
Spain: AND0-808V-K00G-2XS5
Sweden: AND0-808V-K00G-2XS5

Contains:

1-methoxy-2-propanol; monopropylene glycol methyl ether

Hazard pictograms**Signal word**

Warning

Hazard statements

H226
H336

Flammable liquid and vapor.
May cause drowsiness or dizziness.

Precautionary statements**Prevention**

P210
P233
P235
P240
P241
P242
P243
P261
P271
P280

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Keep cool.
Ground and bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Avoid breathing mist/vapors.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

P303 + P361 + P353
P304 + P340
P370 + P378

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
In case of fire: Use appropriate media to extinguish.

Storage

P403 + P233
P403 + P235
P405

Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

P501

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

Supplemental label information

100% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 100% 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 |
|--|----------|-----------------------|------------------------|--------------|-------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 60 - 100 | 107-98-2 203-539-1 | - | 603-064-00-3 | # |
| Classification: Flam. Liq. 3;H226, STOT SE 3;H336 | | | | | |

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

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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

May cause drowsiness or dizziness. Headache. Nausea, vomiting. Diarrhea. Direct contact with eyes may cause temporary irritation.

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

Provide general supportive measures and treat symptomatically. Thermal 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 under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards

Flammable liquid and vapor.

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Dry chemical 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

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. 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

In case of fire and/or explosion do not breathe fumes. 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. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ventilate closed spaces before entering them. Avoid breathing mist/vapors. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2. Environmental precautions Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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 Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. 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

- P5a, b or c FLAMMABLE LIQUIDS (Lower-tier requirements = 50 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 |
|---|---------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | Ceiling | 187 mg/m3 |
| | MAK | 50 ppm |
| | | 187 mg/m3 |
| | | 50 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 369 mg/m3 |
| | TWA | 100 ppm |
| | | 184 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | MAC | 375 mg/m3 |
| | | 100 ppm |
| | STEL | 568 mg/m3 |
| | | 150 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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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 |
|---|---------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | Ceiling | 550 mg/m3 |
| | TWA | 270 mg/m3 |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | TLV | 185 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 560 mg/m3 |
| | | 150 ppm |
| | TWA | 370 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | VLE | 375 mg/m3 |
| | | 100 ppm |
| | VME | 188 mg/m3 |
| | | 50 ppm |

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | VLE | 375 mg/m3 |
| | | 100 ppm |
| | VME | 188 mg/m3 |
| | | 50 ppm |

Regulatory status: Regulatory binding (VRC)

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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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | TWA | 370 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | AGW | 370 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 1080 mg/m3 |
| | | 300 ppm |
| | TWA | 360 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | TWA | 375 mg/m3 |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | TWA | 150 ppm |
| | | 185 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | TWA | 150 ppm |
| | | 375 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | TWA | 150 ppm |
| | | 375 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | TWA | 150 ppm |
| | | 375 mg/m3 |
| | | 100 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 300 mg/m3 |
| | TWA | 75 ppm |
| | | 190 mg/m3 |
| | | 50 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 563 mg/m3 |
| | TWA | 375 mg/m3 |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | TLV | 180 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 360 mg/m3 |
| | TWA | 180 mg/m3 |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|---------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 100 ppm |

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

| Components | Type | Value |
|------------|------|--------|
| | TWA | 50 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 |
|---|------|----------------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 100 ppm |

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 |
|---|------|----------------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 100 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | TWA | 375 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|----------------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 100 ppm |

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

| Components | Type | Value |
|---|---------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | Ceiling | 568 mg/m3 |
| | | 150 ppm |
| | STEL | 300 mg/m3 |
| | | 75 ppm |
| | TWA | 190 mg/m3 |
| | | 50 ppm |

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 720 mg/m3 |
| | | 200 ppm |
| | TWA | 360 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 560 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

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 |
|---|------|-----------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | STEL | 568 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

Biological limit values**Germany. TRGS 903, BAT List (Biological Limit Values)**

| Components | Value | Determinant | Specimen | Sampling Time |
|---|---------|--------------------------|----------|---------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | 15 mg/l | 1-Methoxyprop an-2-ol | Urine | * |

* - For sampling details, please see the source document.

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle BAT-Werte

| Components | Value | Determinant | Specimen | Sampling Time |
|---|---------|-------------------------|----------|---------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | 20 mg/l | 1-Methoxyprop anol-2 | Urine | * |

* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines**Austria MAK: Skin designation**

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) Can be absorbed through the skin.

Belgium OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) Can be absorbed through the skin.

Bulgaria OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) Can be absorbed through the skin.

Czech Republic PELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Denmark GV: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Estonia OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

EU Exposure Limit Values: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Finland Exposure Limit Values: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

France INRS: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

France Mandatory OELs (VLEP): Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Greece OEL: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Hungary OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Iceland OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Italy OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Danger of cutaneous absorption

Latvia OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Lithuania OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Luxembourg OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Malta OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Netherlands OELs (binding): Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Norway Exposure Limit Values: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Romania OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Slovakia OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Spain OELs: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

Sweden Threshold Limit Values: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

UK EH40 WEL: Skin designation

1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2)

Can be absorbed through the skin.

8.2. Exposure controls**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. 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.

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

Wear safety glasses with side shields (or goggles).

Skin protection**- Hand protection**

Wear appropriate chemical resistant gloves.

- Other

Wear suitable protective clothing.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

When using do not smoke. 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.

Environmental exposure controls

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

Clear colorless or nearly colorless

Odor

Ethereal

Melting point/freezing point

Not available.

Boiling point or initial boiling point and boiling range

246,2 °F (119 °C) estimated

Flammability

Not applicable.

Flash point

89,6 °F (32,0 °C) estimated

Auto-ignition temperature

518 °F (270 °C) estimated

Decomposition temperature

Not available.

pH

Not available.

Kinematic viscosity

Not available.

Solubility**Solubility (water)**

Not available.

Partition coefficient

Not available.

(n-octanol/water) (log value)**Vapor pressure**

16,67 hPa estimated

Density and/or relative density**Density**

0,96 g/cm³ estimated

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 0,96 estimated

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 | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| 10.5. Incompatible materials | Strong acids. Strong oxidizing agents. |
| 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 drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| Skin contact | No adverse effects due to skin contact are expected. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Ingestion | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |

Symptoms May cause drowsiness or dizziness. Headache. Nausea, vomiting. Diarrhea.

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

Acute toxicity

| Components | Species | Test Results |
|--|---------|-----------------------------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 13 - 14 g/kg |
| Inhalation | | |
| LC50 | Rat | 54,6000000000000014 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | 5,71 g/kg |

Skin corrosion/irritation Due to partial or complete lack of data the classification is not possible.

Serious eye damage/eye irritation Due to partial or complete lack of data the classification is not possible.

Respiratory sensitization Due to partial or complete lack of data the classification is not possible.

Skin sensitization Due to partial or complete lack of data the classification is not possible.

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 Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - single exposure May cause drowsiness or dizziness.

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 | Due to partial or complete lack of data the classification for hazardous to the aquatic environment, is not possible. |
| 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) | |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | -0,49 |
| 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 (see: Disposal instructions). |
| 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. 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 | UN1993 |
| 14.2. UN proper shipping name | FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol; monopropylene glycol methyl ether) |
| 14.3. Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| Hazard No. (ADR) | 30 |
| Tunnel restriction code | D/E |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | No. |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

RID

| | |
|---|--|
| 14.1. UN number | UN1993 |
| 14.2. UN proper shipping name | FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol; monopropylene glycol methyl ether) |
| 14.3. Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | No. |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

ADN

| | |
|------------------------|--------|
| 14.1. UN number | UN1993 |
|------------------------|--------|

14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |

14.4. Packing group III

14.5. Environmental hazards No.

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

IATA

14.1. UN number UN1993

14.2. UN proper shipping name Flammable liquid, n.o.s. (1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| Class | 3 |
| Subsidiary risk | - |

14.4. Packing group III

14.5. Environmental hazards No.

ERG Code 3L

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 UN1993

14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S. (1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| Class | 3 |
| Subsidiary risk | - |

14.4. Packing group III

14.5. Environmental hazards

| | |
|------------------|-----|
| Marine pollutant | No. |
|------------------|-----|

EmS F-E, S-E

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



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:

Austria: AND0-808V-K00G-2XS5
 Belgium: AND0-808V-K00G-2XS5
 Bulgaria: AND0-808V-K00G-2XS5
 Croatia: AND0-808V-K00G-2XS5
 Cyprus: AND0-808V-K00G-2XS5
 Czech Republic: AND0-808V-K00G-2XS5
 Denmark: AND0-808V-K00G-2XS5
 Estonia: AND0-808V-K00G-2XS5
 EU: AND0-808V-K00G-2XS5
 Finland: AND0-808V-K00G-2XS5
 France: AND0-808V-K00G-2XS5
 Germany: AND0-808V-K00G-2XS5
 Greece: AND0-808V-K00G-2XS5
 Hungary: AND0-808V-K00G-2XS5
 Iceland: AND0-808V-K00G-2XS5
 Ireland: AND0-808V-K00G-2XS5
 Italy: AND0-808V-K00G-2XS5
 Latvia: AND0-808V-K00G-2XS5
 Lithuania: AND0-808V-K00G-2XS5
 Luxembourg: AND0-808V-K00G-2XS5
 Malta: AND0-808V-K00G-2XS5
 Netherlands: AND0-808V-K00G-2XS5
 Norway: AND0-808V-K00G-2XS5
 Poland: AND0-808V-K00G-2XS5
 Portugal: AND0-808V-K00G-2XS5
 Romania: AND0-808V-K00G-2XS5
 Slovakia: AND0-808V-K00G-2XS5
 Slovenia: AND0-808V-K00G-2XS5
 Spain: AND0-808V-K00G-2XS5
 Sweden: AND0-808V-K00G-2XS5

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.

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 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
 - P5a, b or c FLAMMABLE LIQUIDS

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 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

| | |
|--|--|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (CAS 107-98-2) | Affections engendrées par les solvants organiques liquides à usage professionnel : hydrocarbures liquides aliphatiques ou cycliques saturés ou insaturés et leurs mélanges; hydrocarbures halogénés liquides; dérivés nitrés des hydrocarbures aliphatiques; al 84 |
|--|--|

Product registration number

| | |
|-----------------------|--------------------------|
| Austria | UFI: AND0-808V-K00G-2XS5 |
| Belgium | UFI: AND0-808V-K00G-2XS5 |
| Czech Republic | UFI: AND0-808V-K00G-2XS5 |
| Denmark | UFI: AND0-808V-K00G-2XS5 |
| European Union | UFI: AND0-808V-K00G-2XS5 |
| Finland | UFI: AND0-808V-K00G-2XS5 |
| France | UFI: AND0-808V-K00G-2XS5 |
| Germany | UFI: AND0-808V-K00G-2XS5 |
| Greece | UFI: AND0-808V-K00G-2XS5 |
| Hungary | UFI: AND0-808V-K00G-2XS5 |
| Italy | UFI: AND0-808V-K00G-2XS5 |
| Netherlands | UFI: AND0-808V-K00G-2XS5 |
| Norway | UFI: AND0-808V-K00G-2XS5 |
| Poland | UFI: AND0-808V-K00G-2XS5 |
| Portugal | UFI: AND0-808V-K00G-2XS5 |
| Slovakia | UFI: AND0-808V-K00G-2XS5 |
| Slovenia | UFI: AND0-808V-K00G-2XS5 |
| Spain | UFI: AND0-808V-K00G-2XS5 |
| Sweden | UFI: AND0-808V-K00G-2XS5 |
| Switzerland | UFI: AND0-808V-K00G-2XS5 |

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

H226 Flammable liquid and vapor.
H336 May cause drowsiness or dizziness.

Revision information

None.

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.