DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER

Safety Data Sheet
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 12/8/2014   Revision date: 12/22/2023   Version: 2.2

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

1.1. Product identifier

Product form: Substance
Substance name: DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER
EC-No.: 608-078-3
CAS-No.: 27306-78-1
Product code: DBE-712
Synonyms: (TRIMETHYLSILOXY)DISILOXANYL]PROPYL ETHER / POLYALKYLENOXIDE MODIFIED POLYDIMETHYLSILOXANE / GLYCOLS, POLYETHYLENE, METHYL 3-[1,3,3,3-TETRAMETHYL-1-/[TRIMETHYLSILYL]OXY]-1-DISILOXANYL]PROPOXY-
Product group: Trade product
Chemical family: ORGANOSILOXANE
REACH authorisation exemptions: Exempted from REACH registration
Polymer

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

1.2.1. Relevant identified uses
Use of the substance/mixture: Chemical intermediate

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

GELEST, INC.
11 East Steel Road
Morrisville, PA 19067
USA
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST
info@gelest.com - www.gelest.com

GELEST INC.
Fritz-Klatte-Strasse 8
65933 Frankfurt
Germany
T +49 (0) 69 3535106-500 - F +49 (0) 69 3535106-501 - (M-F): 8:00 AM - 4:00 PM
info@gelestde.com - www.gelest.com

1.4. Emergency telephone number
Emergency number: CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acute toxicity (inhalation:dust,mist) Category 4 H332
Serious eye damage/eye irritation, Category 2 H319
Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects
No additional information available
2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):

- GHS07
- GHS09

Signal word (CLP): Warning

Hazard statements (CLP):
- H319 - Causes serious eye irritation.
- H332 - Harmful if inhaled.
- H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP):
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 - Wash hands thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Substance type</th>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer</td>
<td>Dimethylsiloxane-ethylene oxide block copolymer</td>
<td>CAS-No.: 27306-78-1</td>
<td>&gt; 95</td>
<td>Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EC-No.: 608-078-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Allyloxy(polyethylene oxide), methyl ether</td>
<td>CAS-No.: 27252-80-8</td>
<td>&lt; 5</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EC-No.: 608-068-9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of H- and EUH-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact: Wash with plenty of water/…. 

First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion: Never give anything by mouth to an unconscious person. Get medical advice/attention.
4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation: Harmful if inhaled. May cause irritation to the respiratory tract.
Symptoms/effects after skin contact: May cause skin irritation. May be harmful in contact with skin.
Symptoms/effects after eye contact: Causes serious eye irritation.
Symptoms/effects after ingestion: May be harmful if swallowed.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapour and mist.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment: Wear protective equipment as described in Section 8.
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid all eye and skin contact and do not breathe vapour and mist. Use only outdoors or in a well-ventilated area.
Hygiene measures: Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including any incompatibilities

- **Storage conditions**: Keep container tightly closed.
- **Incompatible materials**: Oxidizing agent.
- **Storage area**: Store in a well-ventilated place. Store away from heat.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available.

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3. Air contaminants formed

No additional information available.

8.1.4. DNEL and PNEC

No additional information available.

8.1.5. Control banding

No additional information available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

**Appropriate engineering controls:** Provide local exhaust or general room ventilation.

8.2.2. Personal protection equipment

**Personal protective equipment:** Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2.1. Eye and face protection

**Eye protection:** Chemical goggles. Contact lenses should not be worn.

8.2.2.2. Skin protection

**Skin and body protection:** Wear suitable protective clothing.

**Hand protection:** Neoprene or nitrile rubber gloves.

8.2.2.3. Respiratory protection

**Respiratory protection:** Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified organic vapor (black cartridge) respirator.

8.2.2.4. Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

No additional information available.
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Pale yellow.</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear liquid. Viscous.</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>600 g/mol</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting point</td>
<td>0 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 205 °C</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>116 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>20 mm²/s</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Kow)</td>
<td>&lt; 3.29 &gt;3.28; &gt;3.60</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>&lt; 5 mm Hg</td>
</tr>
<tr>
<td>Vapour pressure at 50°C</td>
<td>Not available</td>
</tr>
<tr>
<td>Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.01</td>
</tr>
<tr>
<td>Relative vapour density at 20°C</td>
<td>Not available</td>
</tr>
<tr>
<td>Particle characteristics</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC content</td>
<td>&lt; 3 %</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.442</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Heat. Open flame. Sparks.

10.5. Incompatible materials

Oxidizing agent.
10.6. Hazardous decomposition products


### SECTION 11: Toxicological information

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

<table>
<thead>
<tr>
<th>Acute toxicity (oral)</th>
<th>Not classified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (dermal)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>Inhalation:dust,mist: Harmful if inhaled.</td>
</tr>
</tbody>
</table>

**Allyloxy(polyethylene oxide), methyl ether (27252-80-8)**

| LD50 oral rat             | > 500 mg/kg |

**Dimethylsiloxane-ethylene oxide block copolymer (27306-78-1)**

<table>
<thead>
<tr>
<th>LD50 oral rat</th>
<th>4920 µl/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 dermal rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 Inhalation - Rat</td>
<td>2 g/m³ (Exposure time: 4 h)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER (27306-78-1)**

| Viscosity, kinematic       | 20 mm²/s     |

#### 11.2. Information on other hazards

No additional information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - general**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**Hazardous to the aquatic environment, short–term (acute)**

Toxic to aquatic life with long lasting effects.

**Hazardous to the aquatic environment, long–term (chronic)**

<table>
<thead>
<tr>
<th>LC50 - Fish [1]</th>
<th>6.8 mg/l (Zebra Fish)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 - Crustacea [1]</td>
<td>25 mg/l (Daphnia magna)</td>
</tr>
<tr>
<td>ErC50 algae</td>
<td>32 mg/l (Pseudokirchneriella subcapitata)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

No additional information available.
12.3. Bioaccumulative potential

**DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER (27306-78-1)**

Partition coefficient n-octanol/water (Log Kow)  
> 3.29 >3.28; >3.60

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

**SECTION 13: Disposal considerations**

13.1. Waste treatment methods

- Sewage disposal recommendations: Do not dispose of waste into sewer.
- Product/Packaging disposal recommendations: Incinerate. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.
- Ecological information: Avoid release to the environment.

**SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN 3082</td>
<td>UN 3082</td>
<td>UN 3082</td>
<td>UN 3082</td>
<td>UN 3082</td>
</tr>
</tbody>
</table>

14.2. UN proper shipping name

<table>
<thead>
<tr>
<th>UN 3082</th>
<th>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIMETHYLSILOXANE-(ETHYLENE OXIDE) BLOCK COPOLYMER), 9, III, (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN 3082</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIMETHYLSILOXANE-(ETHYLENE OXIDE) BLOCK COPOLYMER), 9, III, MARINE POLLUTANT</td>
</tr>
<tr>
<td>UN 3082</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (DIMETHYLSILOXANE-(ETHYLENE OXIDE) BLOCK COPOLYMER), 9, III</td>
</tr>
<tr>
<td>UN 3082</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (DIMETHYLSILOXANE-(ETHYLENE OXIDE) BLOCK COPOLYMER), 9, III</td>
</tr>
<tr>
<td>UN 3082</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (DIMETHYLSILOXANE-(ETHYLENE OXIDE) BLOCK COPOLYMER), 9, III</td>
</tr>
</tbody>
</table>

14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th></th>
<th>9</th>
<th>9</th>
<th>9</th>
<th>9</th>
<th>9</th>
</tr>
</thead>
</table>
14.4. Packing group

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>III</td>
<td>III</td>
<td>III</td>
<td>III</td>
<td>III</td>
</tr>
</tbody>
</table>

14.5. Environmental hazards

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Marine pollutant: Yes  
Dangerous for the environment: Yes  
Dangerous for the environment: Yes  
Dangerous for the environment: Yes  
Dangerous for the environment: Yes

No supplementary information available

14.6. Special precautions for user

**Overland transport**
- Classification code (ADR): M6
- Special provisions (ADR): 274, 335, 375, 601
- Limited quantities (ADR): 5l
- Excepted quantities (ADR): E1
- Packing instructions (ADR): P001, IBC03, LP01, R001
- Special packing provisions (ADR): PP1
- Mixed packing provisions (ADR): MP19
- Portable tank and bulk container instructions (ADR): T4
- Portable tank and bulk container special provisions (ADR): TP1, TP29
- Tank code (ADR): LGBV
- Vehicle for tank carriage: AT
- Transport category (ADR): 3
- Special provisions for carriage - Packages (ADR): V12
- Special provisions for carriage - Loading, unloading and handling (ADR): CV13
- Hazard identification number (Kemler No.): 90
- Orange plates:

**Tunnel restriction code (ADR):**

- 3082

**Transport by sea**
- Special provisions (IMDG): 274, 335, 969
- Limited quantities (IMDG): 5 L
- Excepted quantities (IMDG): E1
- Packing instructions (IMDG): LP01, P001
- Special packing provisions (IMDG): PP1
- IBC packing instructions (IMDG): IBC03
- Tank instructions (IMDG): T4
- Tank special provisions (IMDG): TP2, TP29
- EmS-No. (Fire): F-A
- EmS-No. (Spillage): S-F
- Stowage category (IMDG): A

**Air transport**
- PCA Excepted quantities (IATA): E1
- PCA Limited quantities (IATA): Y964
- PCA limited quantity max net quantity (IATA): 30kgG
DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER

Safety Data Sheet
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12/22/2023 (Revision date)

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

<table>
<thead>
<tr>
<th>Reference code</th>
<th>Applicable on</th>
<th>Entry title or description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3(b)</td>
<td>DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER ; Allyloxy(polyethylene oxide), methyl ether ; Dimethylsiloxane-ethylene oxide block copolymer</td>
<td>Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10</td>
</tr>
</tbody>
</table>
DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER

Safety Data Sheet
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### EU restriction list (REACH Annex XVII)

<table>
<thead>
<tr>
<th>Reference code</th>
<th>Applicable on</th>
<th>Entry title or description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3(c)</td>
<td>DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER; Dimethylsiloxane-ethylene oxide block copolymer</td>
<td>Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1</td>
</tr>
</tbody>
</table>

### REACH Annex XIV (Authorisation List)
Not listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)
Not listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)
Not listed on the PIC list (Regulation EU 649/2012)

### POP Regulation (Persistent Organic Pollutants)
Not listed on the POP list (Regulation EU 2019/1021)

### Ozone Regulation (1005/2009)
Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

### VOC Directive (2004/42)
VOC content : < 3 %

### Explosives Precursors Regulation (2019/1148)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations
No additional information available

### 15.2. Chemical safety assessment
No additional information available

### SECTION 16: Other information

#### Abbreviations and acronyms:
Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °C: unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor

#### Other information
Prepared by safety and environmental affairs.

#### Full text of H- and EUH-statements:
- **Acute Tox. 4 (Inhalation:dust,mist)**: Acute toxicity (inhalation:dust,mist) Category 4
- **Acute Tox. 4 (Oral)**: Acute toxicity (oral), Category 4
- **Aquatic Chronic 2**: Hazardous to the aquatic environment – Chronic Hazard, Category 2
DIMETHYLSILOXANE-(60-70% ETHYLENE OXIDE) BLOCK COPOLYMER
Safety Data Sheet
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>H- and EUH-statement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

SDS EU (REACH Annex II) - Custom v22

The information contained in this document has been gathered from reference materials and/or Gelest, Inc. test data and is to the best knowledge and belief of Gelest, Inc. accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones which exist. Gelest, Inc. makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore. Information on this safety data sheet is not intended to constitute a basis for product specifications.

© 2023 Gelest Inc. Morrisville, PA 19067