



# Automatic Transmission Stop Leak

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 03/09/2019 Revision date: 03/09/2019 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Name : Automatic Transmission Stop Leak  
Product code : 060  
Article number : 06018US

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Consumer use  
Professional use.  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

BARDAHL NL - OCD NEDERLAND BV  
Maxwellstraat 41  
3316 GP Dordrecht  
Nederland  
T 0031 78 651 2322 - F 0031 78 617 4848  
[mjkooijman@bardahl.nl](mailto:mjkooijman@bardahl.nl) - [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 54924171  
During office hours: 8.30 t/m 17:00 h

| Country        | Official advisory body   | Address                         | Emergency number | Comment                              |
|----------------|--|---------------------------------|------------------|--------------------------------------|
|                | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London | 0870 243 2241    |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital                     | Dudley Road<br>B18 7QH          | 0344 892 0111    | Only for healthcare<br>professionals |
| United Kingdom | National Poisons Information Service<br>(Belfast Centre)<br>Royal Victoria Hospital              | Grosvenor Road<br>BT12 6BA      | 0344 892 0111    | Only for healthcare<br>professionals |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment – Chronic Hazard, H412

Category 3

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

##### Adverse physicochemical, human health and environmental effects

No additional information available

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### 2.2. Label elements

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

|                                |   |  |
|--------------------------------|---|--|
| Signal word (CLP)              | : | -  |
| Hazard statements (CLP)        | : | H412 - Harmful to aquatic life with long lasting effects.  |
| Precautionary statements (CLP) | : | P273 - Avoid release to the environment.<br>P501 - Dispose of contents/container to an hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.<br>P102 - Keep out of reach of children. |
| EUH-statements                 | : | EUH208 - Contains Arylamine(90-30-2). May produce an allergic reaction.  |

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name               | Product identifier  | %                    | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--------------------|---|----------------------|--|
| PPG-2 METHYL ETHER | CAS-No.: 34590-94-8<br>EC-No.: 252-104-2<br>REACH-no: 01-2119450011-60                              | 1 – 5                | Not classified   |
| Arylamine          | CAS-No.: 90-30-2<br>EC-No.: 201-983-0   | 0.01 – 1             | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                    |
| toluene            | CAS-No.: 108-88-3<br>EC-No.: 203-625-9<br>EC Index-No.: 601-021-00-3<br>REACH-no: 01-2119471310-51  | 0.00698 –<br>0.06282 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361d<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304 |
| xylene<br>(Note C) | CAS-No.: 1330-20-7<br>EC-No.: 215-535-7<br>EC Index-No.: 601-022-00-9<br>REACH-no: 01-2119488216-32 | < 0.01               | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315            |
| ethylbenzene       | CAS-No.: 100-41-4<br>EC-No.: 202-849-4<br>EC Index-No.: 601-023-00-4<br>REACH-no: 01-2119489370-35  | < 0.01               | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation), H332<br>STOT RE 2, H373<br>Asp. Tox. 1, H304                          |

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                           |
| First-aid measures after skin contact | : Wash skin with plenty of water.  |
| First-aid measures after eye contact  | : Immediately rinse with water for a prolonged period while holding the eyelids wide open. |
| First-aid measures after ingestion    | : Get medical advice/attention if you feel unwell.   |

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

|                  |  |
|------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
|------------------|--|

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                              |   |
|------------------------------|---|
| Suitable extinguishing media | : Water haze. Dry powder. Foam. Carbon dioxide. |
|------------------------------|---|

#### 5.2. Special hazards arising from the substance or mixture

|  |                                |
|--|--------------------------------|
| Fire hazard                                      | : Not flammable.               |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Wear suitable protective clothing. Wear a self contained breathing apparatus. Do not attempt to take action without suitable protective equipment. |
|--------------------------------|--|

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |                            |
|------------------|----------------------------|
| General measures | : Ventilate spillage area. |
|------------------|----------------------------|

##### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material.                 |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment. |
|-------------------------------|--|

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Hygiene measures : Do not eat, drink or smoke when using this product. 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 : Store in a dry, cool and well-ventilated place.

### 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

| PPG-2 METHYL ETHER (34590-94-8)                           |   |
|---|---|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |   |
| IOEL TWA  | 308 mg/m <sup>3</sup> (2-Methoxymethylethoxy)-propanol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value    |
| IOEL TWA [ppm]  | 50 ppm (2-Methoxymethylethoxy)-propanol; EU; Timeweighted average exposure limit 8 h; Indicative occupational exposure limit value                    |
| <b>United Kingdom - Occupational Exposure Limits</b>      |   |
| WEL TWA (OEL TWA) [1]                                     | 308 mg/m <sup>3</sup> (2-Methoxymethylethoxy)propanol; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005) |
| WEL TWA (OEL TWA) [2]                                     | 50 ppm (2-Methoxymethylethoxy)propanol; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)                |
| <b>toluene (108-88-3)</b>                                 |   |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |   |
| IOEL TWA  | 192 mg/m <sup>3</sup> (Toluene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)                           |
| IOEL TWA [ppm]  | 50 ppm (Toluene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)  |
| IOEL STEL   | 384 mg/m <sup>3</sup> (Toluene; EU; Short time value; Indicative occupational exposure limit value)   |
| IOEL STEL [ppm]   | 100 ppm (Toluene; EU; Short time value; Indicative occupational exposure limit value)   |
| <b>United Kingdom - Occupational Exposure Limits</b>      |   |
| WEL TWA (OEL TWA) [1]                                     | 191 mg/m <sup>3</sup> Toluene; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)                         |
| WEL TWA (OEL TWA) [2]                                     | 50 ppm Toluene; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)  |
| WEL STEL (OEL STEL)                                       | 384 mg/m <sup>3</sup> Toluene; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)   |

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| <b>toluene (108-88-3)</b>                                 |  |
|---|--|
| WEL STEL (OEL STEL) [ppm]                                 | 100 ppm Toluene; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)  |
| <b>xylene (1330-20-7)</b>                                 |  |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |  |
| IOEL TWA  | 221 mg/m <sup>3</sup> (Xylene, mixed isomers, pure; EU; Timeweighted average exposure limit 8 h; Indicative occupational exposure limit value) |
| IOEL TWA [ppm]  | 50 ppm (Xylene, mixed isomers, pure; EU; Timeweighted average exposure limit 8 h; Indicative occupational exposure limit value)                |
| IOEL STEL   | 442 mg/m <sup>3</sup> (Xylene, mixed isomers, pure; EU; Short time value; Indicative occupational exposure limit value)                        |
| IOEL STEL [ppm]   | 100 ppm (Xylene, mixed isomers, pure; EU; Short time value; Indicative occupational exposure limit value)                                      |
| <b>ethylbenzene (100-41-4)</b>                            |  |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |  |
| IOEL TWA  | 442 mg/m <sup>3</sup> (Ethylbenzene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)               |
| IOEL TWA [ppm]  | 100 ppm (Ethylbenzene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)                             |
| IOEL STEL   | 884 mg/m <sup>3</sup> (Ethylbenzene; EU; Short time value; Indicative occupational exposure limit value)                                       |
| IOEL STEL [ppm]   | 200 ppm (Ethylbenzene; EU; Short time value; Indicative occupational exposure limit value)   |
| <b>United Kingdom - Occupational Exposure Limits</b>      |  |
| WEL TWA (OEL TWA) [1]                                     | 441 mg/m <sup>3</sup> Ethylbenzene; United Kingdom; Timeweighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)              |
| WEL TWA (OEL TWA) [2]                                     | 100 ppm Ethylbenzene; United Kingdom; Timeweighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)                            |
| WEL STEL (OEL STEL)                                       | 552 mg/m <sup>3</sup> Ethylbenzene; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)                                     |
| WEL STEL (OEL STEL) [ppm]                                 | 125 ppm Ethylbenzene; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)   |

### 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

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment symbol(s):**



##### 8.2.2.1. Eye and face protection

**Eye protection:**

Safety glasses

##### 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

##### 8.2.2.3. Respiratory protection

**Respiratory protection:**

[In case of inadequate ventilation] wear respiratory protection.

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | : Liquid                               |
| Colour  | : red.                                 |
| Odour   | : characteristic.                      |
| Odour threshold                                 | : Not available                        |
| Melting point                                   | : Not available                        |
| Freezing point                                  | : Not available                        |
| Boiling point                                   | : Not available                        |
| Flammability                                    | : Not available                        |
| Lower explosion limit                           | : Not available                        |
| Upper explosion limit                           | : Not available                        |
| Flash point                                     | : $\geq 200$ °C COC minimum            |
| Auto-ignition temperature                       | : Not available                        |
| Decomposition temperature                       | : Not available                        |
| pH  | : Not available                        |
| Viscosity, kinematic                            | : 34 mm <sup>2</sup> /s (40°C) typical |
| Solubility                                      | : Not available                        |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                        |
| Vapour pressure                                 | : Not available                        |
| Vapour pressure at 50°C                         | : Not available                        |
| Density   | : 0.852 typical                        |
| Relative density                                | : Not available                        |
| Relative vapour density at 20°C                 | : Not available                        |

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Particle characteristics : Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Oxidizer.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### PPG-2 METHYL ETHER (34590-94-8)

|               |            |
|---------------|------------|
| LD50 oral rat | 5135 mg/kg |
|---------------|------------|

|                 |            |
|-----------------|------------|
| LD50 dermal rat | 9500 mg/kg |
|-----------------|------------|

|                    |            |
|--------------------|------------|
| LD50 dermal rabbit | 9500 mg/kg |
|--------------------|------------|

#### Arylamine (90-30-2)

|               |            |
|---------------|------------|
| LD50 oral rat | 1625 mg/kg |
|---------------|------------|

#### toluene (108-88-3)

|               |              |
|---------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
|---------------|--------------|

|                    |             |
|--------------------|-------------|
| LD50 dermal rabbit | 12223 mg/kg |
|--------------------|-------------|

|                       |              |
|-----------------------|--------------|
| LC50 Inhalation - Rat | > 20 mg/l/4h |
|-----------------------|--------------|

#### xylene (1330-20-7)

|               |            |
|---------------|------------|
| LD50 oral rat | 4300 mg/kg |
|---------------|------------|

|                    |            |
|--------------------|------------|
| LD50 dermal rabbit | 2000 mg/kg |
|--------------------|------------|

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| <b>xylene (1330-20-7)</b>                                 |  |
|---|--|
| LC50 Inhalation - Rat                                     | 6350 mg/l/4h   |
| <b>ethylbenzene (100-41-4)</b>                            |  |
| LD50 oral rat   | 3500 mg/kg   |
| LD50 dermal rabbit  | 15415 mg/kg  |
| LC50 Inhalation - Rat                                     | 17.8 mg/l/4h   |
| LC50 Inhalation - Rat [ppm]                               | 4000 ppm/4h  |
| Skin corrosion/irritation                                 | : Not classified   |
| Serious eye damage/irritation                             | : Not classified   |
| Respiratory or skin sensitisation                         | : Not classified   |
| Germ cell mutagenicity                                    | : Not classified   |
| Carcinogenicity   | : Not classified   |
| <b>toluene (108-88-3)</b>                                 |  |
| IARC group  | 3 - Not classifiable   |
| Reproductive toxicity                                     | : Not classified   |
| STOT-single exposure                                      | : Not classified   |
| <b>toluene (108-88-3)</b>                                 |  |
| STOT-single exposure                                      | May cause drowsiness or dizziness.                                 |
| STOT-repeated exposure                                    | : Not classified   |
| <b>toluene (108-88-3)</b>                                 |  |
| STOT-repeated exposure                                    | May cause damage to organs through prolonged or repeated exposure. |
| <b>ethylbenzene (100-41-4)</b>                            |  |
| STOT-repeated exposure                                    | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard   | : Not classified   |
| <b>Automatic Transmission Stop Leak</b>                   |  |
| Viscosity, kinematic                                      | 34 mm <sup>2</sup> /s (40°C) typical                               |
| <b>11.2. Information on other hazards</b>                 |  |
| No additional information available                       |  |
| <b>SECTION 12: Ecological information</b>                 |  |
| <b>12.1. Toxicity</b>                                     |  |
| Ecology - general   | : Harmful to aquatic life with long lasting effects.               |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified   |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.               |
| <b>PPG-2 METHYL ETHER (34590-94-8)</b>                    |  |
| EC50 - Crustacea [1]                                      | 1919 mg/l  |
| Threshold limit - Algae [1]                               | 969 mg/l   |
| Threshold limit - Algae [2]                               | > 969 mg/l   |
| <b>Arylamine (90-30-2)</b>                                |  |
| LC50 - Fish [1]   | 0.44 mg/l  |



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| <b>Arylamine (90-30-2)</b>                 |   |
|--|---|
| EC50 - Crustacea [1]                       | 0.3 mg/l  |
| Threshold limit - Algae [1]                | ≥ 0.25 mg/l   |
| <b>toluene (108-88-3)</b>                  |   |
| LC50 - Fish [1]                            | 24 mg/l <i>Salmo gairdneri</i> ( <i>Oncorhynchus mykiss</i> ) |
| LC50 - Fish [2]                            | 13 mg/l <i>Lepomis macrochirus</i>                            |
| EC50 - Crustacea [1]                       | 84 mg/l Locomotor effect                                      |
| EC50 - Crustacea [2]                       | 11.5 – 19.6 mg/l  |
| Threshold limit - Algae [1]                | > 400 mg/l <i>Scenedesmus quadricauda</i> ; toxicity test     |
| Threshold limit - Algae [2]                | 105 mg/l <i>Microcystis aeruginosa</i>                        |
| <b>xylene (1330-20-7)</b>                  |   |
| LC50 - Other aquatic organisms [1]         | 8.9 – 16.4 mg/l ( <i>Pimephales promelas</i> 96h)             |
| EC50 - Crustacea [1]                       | 3.2 – 9.5 mg/l ( <i>Daphnia magna</i> ) (48h)                 |
| <b>ethylbenzene (100-41-4)</b>             |   |
| LC50 - Fish [2]                            | 4.2 mg/l  |
| <b>12.2. Persistence and degradability</b> |   |
| <b>PPG-2 METHYL ETHER (34590-94-8)</b>     |   |
| Persistence and degradability              | Readily biodegradable. Photolysis in the air.                 |
| Biochemical oxygen demand (BOD)            | 0 g O <sub>2</sub> /g substance                               |
| ThOD                                       | 2.06 g O <sub>2</sub> /g substance                            |
| BOD (% of ThOD)                            | 0 % ThOD  |
| <b>Arylamine (90-30-2)</b>                 |   |
| Persistence and degradability              | Not readily biodegradable.                                    |
| <b>toluene (108-88-3)</b>                  |   |
| Persistence and degradability              | Readily biodegradable.  |
| Biochemical oxygen demand (BOD)            | 2.15 g O <sub>2</sub> /g substance                            |
| Chemical oxygen demand (COD)               | 2.52 g O <sub>2</sub> /g substance                            |
| ThOD                                       | 3.13 g O <sub>2</sub> /g substance                            |
| BOD (% of ThOD)                            | 0.69 % ThOD   |
| <b>xylene (1330-20-7)</b>                  |   |
| Persistence and degradability              | Readily biodegradable.  |
| <b>ethylbenzene (100-41-4)</b>             |   |
| Persistence and degradability              | Readily biodegradable.  |
| Biochemical oxygen demand (BOD)            | 1.44 g O <sub>2</sub> /g substance                            |
| Chemical oxygen demand (COD)               | 2.1 g O <sub>2</sub> /g substance                             |
| ThOD                                       | 3.17 g O <sub>2</sub> /g substance                            |
| BOD (% of ThOD)                            | 45.4 % ThOD   |

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### 12.3. Bioaccumulative potential

#### PPG-2 METHYL ETHER (34590-94-8)

|   |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 0.0043 (Experimental value; OECD 102: Melting Point/Melting Range; 25°C) |
| Partition coefficient n-octanol/water (Log Kow) | < 4  |

#### Arylamine (90-30-2)

|                           |                            |
|---------------------------|----------------------------|
| BCF - Fish [1]            | 427 – 2730                 |
| Bioaccumulative potential | Bioaccumulation potential. |

#### toluene (108-88-3)

|   |                                       |
|---|---------------------------------------|
| BCF - Fish [1]                                  | 13.2 Anguilla japonica                |
| BCF - Fish [2]                                  | 90 72h; Leuciscus idus                |
| BCF - Other aquatic organisms [1]               | 380 24h; Chlorella sp; Fresh weight   |
| BCF - Other aquatic organisms [2]               | 4.2 4.2; Mytilus edulis; Fresh weight |
| Partition coefficient n-octanol/water (Log Pow) | 2.73 Experimental value               |
| Bioaccumulative potential                       | Low.                                  |

#### xylene (1330-20-7)

|   |        |
|---|--------|
| BCF - Fish [2]                                  | 7 – 26 |
| Bioconcentration factor (BCF REACH)             | < 500  |
| Partition coefficient n-octanol/water (Log Pow) | 3.2    |

#### ethylbenzene (100-41-4)

|   |         |
|---|---------|
| BCF - Fish [1]                                  | 1       |
| BCF - Fish [2]                                  | 15 – 79 |
| BCF - Other aquatic organisms [1]               | 4.68    |
| Bioconcentration factor (BCF REACH)             | < 500   |
| Partition coefficient n-octanol/water (Log Pow) | 3.15    |

### 12.4. Mobility in soil

#### Arylamine (90-30-2)

|  |      |
|--|------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3227 |
|--|------|

#### toluene (108-88-3)

|                 |                 |
|-----------------|-----------------|
| Surface tension | 0.03 N/m (20°C) |
|-----------------|-----------------|

#### xylene (1330-20-7)

|                |   |
|----------------|---|
| Ecology - soil | May be harmful to plant growth, blooming and fruit formation. |
|----------------|---|

#### ethylbenzene (100-41-4)

|  |  |
|--|--|
| Surface tension  | 0.029 N/m  |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | PCKOCWIN v1.66; 2.71; Calculated value; Koc; PCKOCWIN v1.66; 517.8; Calculated value |

### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 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

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

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

| ADR                                     | IMDG  | IATA                              | ADN                               | RID                               |
|---|---|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>14.1. UN number or ID number</b>     |   |                                   |                                   |                                   |
| Not regulated for transport             |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.2. UN proper shipping name</b>    |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.3. Transport hazard class(es)</b> |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.4. Packing group</b>              |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.5. Environmental hazards</b>      |   |                                   |                                   |                                   |
| Dangerous for the environment: No       | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available  |   |                                   |                                   |                                   |

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

###### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

###### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

###### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

###### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

###### 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

### SECTION 16: Other information

#### Abbreviations and acronyms:

Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organization

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

#### Full text of H- and EUH-statements:

|                           |                                     |
|---------------------------|-------------------------------------|
| Acute Tox. 4 (Dermal)     | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4   |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1        |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1      |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| EUH208                              | Contains Arylamine(90-30-2). May produce an allergic reaction.         |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |
| Flam. Liq. 3                        | Flammable liquids, Category 3  |
| H225                                | Highly flammable liquid and vapour.                                    |
| H226                                | Flammable liquid and vapour.   |
| H302                                | Harmful if swallowed.  |
| H304                                | May be fatal if swallowed and enters airways.                          |
| H312                                | Harmful in contact with skin.  |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.                                   |
| H332                                | Harmful if inhaled.  |
| H336                                | May cause drowsiness or dizziness.                                     |
| H361d                               | Suspected of damaging the unborn child.                                |
| H373                                | May cause damage to organs through prolonged or repeated exposure.     |
| H400                                | Very toxic to aquatic life.  |
| H410                                | Very toxic to aquatic life with long lasting effects.                  |
| H412                                | Harmful to aquatic life with long lasting effects.                     |
| Repr. 2                             | Reproductive toxicity, Category 2                                      |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                  |
| Skin Sens. 1                        | Skin sensitisation, Category 1   |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2         |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.