

## SAFETY DATA SHEET

**EAP 320 DIESEL-WINTER ADDITIVE****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier***Trade name:* EAP 320 DIESEL-WINTER ADDITIVE*Product no.:* 004xxx*Unique formula identifier* QC00-60HN-700G-G8FN*(UFI):***1.2. Relevant identified uses of the substance or mixture and uses advised against***Relevant identified uses of the substance or mixture:* Additive*Use descriptors (REACH):*

| Product category | Description    |
|------------------|----------------|
| PC 0             | Other products |

*Uses advised against :* None known.**1.3. Details of the supplier of the safety data sheet***Company and address:* **EUROLUB GmbH**  
Freisingerstraße 25-27  
85386 Eching  
Germany  
Tel.: +49 8165 9591-0  
www.eurolub.com*Contact person:* Laboratory*E-mail:* info@eurolub.com*Revision:* 07/12/2023*SDS Version:* 1.0**1.4. Emergency telephone number**

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Phone: +49 8165 9591-0

This number is only available at office times.

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

*Hazard pictogram(s):*



*Signal word:*

Danger

*Hazard statement(s):*

May be fatal if swallowed and enters airways. (H304)

Harmful to aquatic life with long lasting effects. (H412)

*Precautionary statement(s):*

*General:*

If medical advice is needed, have product container or label at hand.  
(P101)

Keep out of reach of children. (P102)

*Prevention:*

Wear face protection/protective gloves/protective clothing. (P280)

*Response:*

IF ON SKIN: Wash with plenty of water and soap. (P302+P352)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
(P305+P351+P338)

*Storage:*

-

*Disposal:*

Dispose of contents/container in accordance with local regulations  
(P501)

*Hazardous substances:*

None known.

*Additional labelling:*

UFI: QC00-60HN-700G-G8FN

### 2.3. Other hazards

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

**Additional warnings:** This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. Mixtures

| Product/substance                                                   | Identifiers                                                                      | % w/w  | Classification                                                                                                                      | Note |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------|------|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics | CAS No.: 64742-94-5<br>EC No.: 265-198-5<br>UK-REACH:<br>Index No.: 649-424-00-3 | 80-95% | Asp. Tox. 1, H304                                                                                                                   | [19] |
| 1,2,4-trimethylbenzene                                              | CAS No.: 95-63-6<br>EC No.: 202-436-9<br>UK-REACH:<br>Index No.: 601-043-00-3    | 1-3%   | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335<br>Aquatic Chronic 2, H411 | [1]  |
| naphthalene                                                         | CAS No.: 91-20-3<br>EC No.: 202-049-5<br>UK-REACH:<br>Index No.: 601-052-00-2    | <1%    | Acute Tox. 4, H302<br>Carc. 2, H351<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)                                 | [1]  |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

|                             |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>General information:</i> | <p>In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.</p> <p>Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.</p>                                                                                                                   |
| <i>Inhalation:</i>          | <p>Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.</p>                                                                                                                                                                                                                                                                 |
| <i>Skin contact:</i>        | <p>Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.</p> <p>If skin irritation occurs: Get medical advice/attention.</p>                                                                                                                                                |
| <i>Eye contact:</i>         | <p>If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.</p>                                                                                                                                                                                                                |
| <i>Ingestion:</i>           | <p>IF SWALLOWED: Immediately call a POISON CENTER/doctor.</p> <p>Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance.</p> <p>Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.</p> |
| <i>Burns:</i>               | <p>Not applicable.</p>                                                                                                                                                                                                                                                                                                                                                                            |

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

Headache, Methaemoglobinaemia (naphthalene)

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:

Get immediate medical advice/attention.

## Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid direct contact with spilled substances.

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of

solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Avoid contact during pregnancy and while nursing.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:* Always store in containers of the same material as the original container.

*Storage temperature:* Dry, cool and well ventilated

*Incompatible materials:* Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

1,2,4-trimethylbenzene

|                  |                           |              |
|------------------|---------------------------|--------------|
| <b>Duration:</b> | <b>Route of exposure:</b> | <b>DNEL:</b> |
|------------------|---------------------------|--------------|

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

|                                                    |            |                        |
|----------------------------------------------------|------------|------------------------|
| Long term – Systemic effects - General population  | Dermal     | 9512 mg/kg bw/day      |
| Long term – Systemic effects - Workers             | Dermal     | 16171 mg/kg bw/day     |
| Long term – Local effects - General population     | Inhalation | 29.4 mg/m <sup>3</sup> |
| Long term – Local effects - Workers                | Inhalation | 100 mg/m <sup>3</sup>  |
| Long term – Systemic effects - General population  | Inhalation | 29.4 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers             | Inhalation | 100 mg/m <sup>3</sup>  |
| Short term – Local effects - General population    | Inhalation | 29.4 mg/m <sup>3</sup> |
| Short term – Local effects - Workers               | Inhalation | 100 mg/m <sup>3</sup>  |
| Short term – Systemic effects - General population | Inhalation | 29.4 mg/m <sup>3</sup> |
| Short term – Systemic effects - Workers            | Inhalation | 100 mg/m <sup>3</sup>  |
| Long term – Systemic effects - General population  | Oral       | 15 mg/kg bw/day        |

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics

| Duration:                                          | Route of exposure: | DNEL:                    |
|----------------------------------------------------|--------------------|--------------------------|
| Long term – Systemic effects - General population  | Dermal             | 280 µg/kgbw/day          |
| Long term – Systemic effects - Workers             | Dermal             | 950 µg/kgbw/day          |
| Long term – Local effects - General population     | Inhalation         | 690 µg/m <sup>3</sup>    |
| Long term – Local effects - Workers                | Inhalation         | 2.31 mg/m <sup>3</sup>   |
| Long term – Systemic effects - General population  | Inhalation         | 690 µg/m <sup>3</sup>    |
| Long term – Systemic effects - Workers             | Inhalation         | 2.31 mg/m <sup>3</sup>   |
| Short term – Local effects - General population    | Inhalation         | 143.5 mg/m <sup>3</sup>  |
| Short term – Local effects - Workers               | Inhalation         | 160.23 mg/m <sup>3</sup> |
| Short term – Systemic effects - General population | Inhalation         | 226 mg/m <sup>3</sup>    |
| Short term – Systemic effects - Workers            | Inhalation         | 384 mg/m <sup>3</sup>    |
| Long term – Systemic effects - General population  | Oral               | 30 µg/kgbw/day           |
| Short term – Systemic effects - General population | Oral               | 25.6 mg/kg bw/day        |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## naphthalene

| Duration:                              | Route of exposure: | DNEL:                |
|----------------------------------------|--------------------|----------------------|
| Long term – Systemic effects - Workers | Dermal             | 3.57 mg/kg<br>bw/day |
| Long term – Local effects - Workers    | Inhalation         | 25 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers | Inhalation         | 25 mg/m <sup>3</sup> |

## PNEC

### 1,2,4-trimethylbenzene

| Route of exposure:                | Duration of Exposure: | PNEC:       |
|-----------------------------------|-----------------------|-------------|
| Freshwater                        |                       | 120 µg/L    |
| Freshwater sediment               |                       | 13.56 mg/kg |
| Intermittent release (freshwater) |                       | 120 µg/L    |
| Marine water                      |                       | 120 µg/L    |
| Marine water sediment             |                       | 13.56 mg/kg |
| Sewage treatment plant            |                       | 2.41 mg/L   |
| Soil                              |                       | 2.34 mg/kg  |

## naphthalene

| Route of exposure:                | Duration of Exposure: | PNEC:      |
|-----------------------------------|-----------------------|------------|
| Freshwater                        |                       | 2.4 µg/L   |
| Freshwater sediment               |                       | 67.2 µg/kg |
| Intermittent release (freshwater) |                       | 20 µg/L    |
| Marine water                      |                       | 2.4 µg/L   |
| Marine water sediment             |                       | 67.2 µg/kg |
| Sewage treatment plant            |                       | 2.9 mg/L   |
| Soil                              |                       | 53.3 µg/kg |

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

work area.

*Exposure scenarios:* There are no exposure scenarios implemented for this product.

*Exposure limits:* Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:* Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:* In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

*Measures to avoid environmental exposure:* Keep damming materials near the workplace. If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment

*Generally:* Use only UKCA marked protective equipment.

*Respiratory Equipment:*

| Type                              | Class | Colour | Standards |  |
|-----------------------------------|-------|--------|-----------|--|
| No special when used as intended. |       |        |           |  |

*Skin protection:*

| Recommended                             | Type/Category | Standards |                                                                                       |
|-----------------------------------------|---------------|-----------|---------------------------------------------------------------------------------------|
| Dedicated work clothing should be worn. | -             | -         |  |

*Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards               |                                                                                       |
|----------|----------------------|--------------------------|-------------------------|---------------------------------------------------------------------------------------|
| Nitrile  | 0.4                  | > 480                    | EN374-2, EN374-3, EN388 |  |

*Eye protection:*

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| Type                                                                 | Standards |                                                                                     |
|----------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|
| Face shield<br>alternatively safety<br>glasses with side<br>shields. | EN166     |  |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <i>Physical state:</i>             | Liquid                                                                 |
| <i>Colour:</i>                     | Colourless                                                             |
| <i>Odour / Odour threshold:</i>    | Testing not relevant or not possible due to the nature of the product. |
| <i>pH:</i>                         | Testing not relevant or not possible due to the nature of the product. |
| <i>Density (g/cm<sup>3</sup>):</i> | 0.83                                                                   |
| <i>Kinematic viscosity:</i>        | 7 mm <sup>2</sup> /s (40 °C)                                           |
| <i>Particle characteristics:</i>   | Does not apply to liquids.                                             |

### Phase changes

|                                                       |                                                                        |
|-------------------------------------------------------|------------------------------------------------------------------------|
| <i>Melting point/Freezing point (°C):</i>             | Testing not relevant or not possible due to the nature of the product. |
| <i>Softening point/range (waxes and pastes) (°C):</i> | Does not apply to liquids.                                             |
| <i>Boiling point (°C):</i>                            | Testing not relevant or not possible due to the nature of the product. |
| <i>Vapour pressure:</i>                               | Testing not relevant or not possible due to the nature of the product. |
| <i>Relative vapour density:</i>                       | Testing not relevant or not possible due to the nature of the product. |
| <i>Decomposition temperature (°C):</i>                | Testing not relevant or not possible due to the nature of the product. |

### Data on fire and explosion hazards

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| <i>Flash point (°C):</i>         | 61                                                                     |
| <i>Flammability (°C):</i>        | Testing not relevant or not possible due to the nature of the product. |
| <i>Auto-ignition temperature</i> | 200                                                                    |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

(°C):

*Lower and upper explosion limit* Testing not relevant or not possible due to the nature of the product.

*limit (% v/v):*

## Solubility

*Solubility in water:* Testing not relevant or not possible due to the nature of the product.

*n-octanol/water coefficient (LogKow):* Testing not relevant or not possible due to the nature of the product.

*Solubility in fat (g/L):* Testing not relevant or not possible due to the nature of the product.

## 9.2. Other information

*VOC (g/L):* 829

*Other physical and chemical parameters:* No data available.

*Oxidizing properties:* Testing not relevant or not possible due to the nature of the product.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

### **Acute toxicity**

Based on available data, the classification criteria are not met.

### **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

### **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

### **Respiratory sensitisation**

Based on available data, the classification criteria are not met.

### **Skin sensitisation**

Based on available data, the classification criteria are not met.

### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### **STOT-single exposure**

Based on available data, the classification criteria are not met.

### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

### **Aspiration hazard**

May be fatal if swallowed and enters airways.

## **11.2. Information on other hazards**

### **Long term effects**

None known.

### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### **Other information**

naphthalene has been classified by IARC as a group 2B carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 14 – Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

*EWC code:* 13 02 04\* Mineral-based chlorinated engine, gear and lubricating oils

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

|      | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other<br>information: |
|------|-----------------|---------------------------------|--------------------------|-------------|---------------|-----------------------|
| ADR  | -               | -                               | -                        | -           | -             | -                     |
| IMDG | -               | -                               | -                        | -           | -             | -                     |
| IATA | -               | -                               | -                        | -           | -             | -                     |

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

### 14.6. Special precautions for user

Not applicable.

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

No data available.

## SECTION 15: REGULATORY INFORMATION

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

*Restrictions for application:* Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

*Demands for specific education:* No specific requirements.

*SEVESO - Categories / dangerous substances:* Not applicable.

*REACH, Annex XVII:* EAP 320 DIESEL-WINTERZUSATZ is subject to REACH restrictions, REACH annex XVII (entry 3).

*Additional information:* Tactile warning.  
If this product is sold in retail, it must be delivered with child-resistant

fastening.

*Sources:*

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H335, May cause respiratory irritation.

H351, Suspected of causing cancer.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H411, Toxic to aquatic life with long lasting effects.

### The full text of identified uses as mentioned in section 1

PC 0 = Other products

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by

## Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWG = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### **The safety data sheet is validated by**

MSDS

### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en