## Safety Data Sheet

according to Regulation (EU) 2020/878

Date of issue: 05 04 2022 Revision date: -Version/replaced version: 1.0/-



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

#### **Product identifier**

Product form : Mixture

Product name : Reference material BAM-K010g

UFI

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

#### 1.2.1. Relevant identified uses

: Calibration standard for the analytical standard procedures acc. to ISO 16703, ISO 9377-2 and Use of the substance/mixture

EN 14039

#### 1.2.2 Uses advised against

No additional information available

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

Bundesanstalt für Materialforschung und -prüfung (BAM) Richard-Willstätter-Straße 11 12489 Berlin - Germany T +49 (0) 30 8104-1170 matthias.koch@bam.de

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: sds@dlac-gmbh.de

#### **Emergency telephone number**

| Country | Organisation/Company                                 | Address                                  | Emergency number  |
|---------|--|--|---|
| Germany | Giftnotruf der Charité<br>Universitätsmedizin Berlin | Oranienburger Straße 285<br>13437 Berlin | +49 30 30686700 (German, English) only in Germany; in all other cases use the information below |

Information on national poison control centres within the EU can be found under the member states information on their national helpdesks:

http://echa.europa.eu/de/support/helpdesks/national-helpdesks/list-of-national-helpdesks

Global information on poison centres can be found at the WHO homepage: http://www.who.int/gho/phe/chemical\_safety/poisons\_centres/en/

#### **SECTION 2: Hazards identification**

#### Classification of the substance or mixture

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

Flammable liquids, Category 3 H226 Skin corrosion/irritation, Category 2 H315 Carcinogenicity, Category 2 H351 Specific target organ toxicity - Repeated exposure, Category 2 H373 Aspiration hazard, Category 1 H304 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

Flammable liquid and vapour. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

#### **Label elements**

Hazard statements (CLP)

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

Hazard pictograms (CLP)









GHS07 GHS02

**GHS08** 

**GHS09** 

Signal word (CLP)

: Danger Contains

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil—unspecified, Distillates (petroleum), hydrotreated light paraffinic; Baseoil— unspecified, Fuels, diesel

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H351 - Suspected of causing cancer.

05.04.2022 1/9 EN (English)

## Safety Data Sheet

according to Regulation (EU) 2020/878

H373 - May cause damage to organs through prolonged or repeated exposure.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

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]  |
|---|---|----------|--|
| Distillates (petroleum), hydrotreated heavy paraffinic;<br>Baseoil— unspecified | CAS-No.: 64742-54-7<br>EC-No.: 265-157-1<br>EC Index-No.: 649-467-00-8<br>REACH-No: 01-2119484627-25-xxxx | 0 – < 50 | Asp. Tox. 1, H304  |
| Distillates (petroleum), hydrotreated light paraffinic;<br>Baseoil— unspecified | CAS-No.: 64742-55-8<br>EC-No.: 265-158-7<br>EC Index-No.: 649-468-00-3<br>REACH-No: 01-2119487077-29-xxxx | 0 – < 50 | Asp. Tox. 1, H304  |
| Fuels, diesel; Gasoil — unspecified   | CAS-No.: 68334-30-5<br>EC-No.: 269-822-7<br>EC Index-No.: 649-224-00-6<br>REACH-No: 01-2119484664-27-xxxx | 0 - < 50 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Carc. 2, H351<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| C8-C26 branched and linear hydrocarbons – Distillates                           | CAS-No.: 848301-67-7<br>EC-No.: 481-740-5<br>REACH-No: 01-0000020119-75-xxxx                              | 0 – 10   | Asp. Tox. 1, H304  |
| Alkanes, C10-20-branched and linear   | CAS-No.: 928771-01-1<br>EC-No.: 618-882-6<br>REACH-No: 01-2119450077-42-xxxx                              | 0 – 10   | Asp. Tox. 1, H304  |
| Naphthalene substance with a Community workplace exposure limit                 | CAS-No.: 91-20-3<br>EC-No.: 202-049-5<br>EC Index-No.: 601-052-00-2                                       | 0 – 0.25 | Carc. 2, H351<br>Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |

Full text of H-phrases: see section 16

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. In case of loss of conscience place

the victim in the recovery position. Call a physician immediately.

First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation occurs: Get

medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

First-aid measures after ingestion : Do not induce vomiting - aspiration hazard. Rinse mouth. Call a physician immediately

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

Symptoms/injuries : Suspected of causing cancer. May cause damage to organs through prolonged or repeated

exposure.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Risk of lung oedema.

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

Treat symptomatically.

05.04.2022 EN (English) 2/9

## Safety Data Sheet

according to Regulation (EU) 2020/878

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Extinguishing powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Flammable liquid and vapour.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from

entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

#### **SECTION 6: Accidental release measures**

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

General measures : Ensure adequate air ventilation. No open flames, no sparks, and no smoking. Do not breathe

vapours/spray. Avoid contact with skin and eyes

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as

clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local

regulations.

## 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures : When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap

and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash it before reuse.

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

Technical measures : Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/

lighting equipment.

Storage conditions : Store in original container. Keep container tightly closed. Store in a well-ventilated place. Keep

cool. Keep out of direct sunlight. Store locked up.

Prohibitions on mixed storage : Keep away from food, drink and animal feedingstuffs.

#### 7.3. Specific end use(s)

No additional information available

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

| Fuels, diesel; Gasoil— unspecified (68334-30-5) |                  |                                   |
|---|------------------|-----------------------------------|
| United Kingdom                                  | Local name       | Normal and branched chain alkanes |
| United Kingdom                                  | WEL TWA [mg/m³]  | 1200 mg/m³ (≥ C7)                 |
| Naphthalene (91-20-3)                           |                  |                                   |
| EU  | Local name       | Naphthalene                       |
| EU  | IOEL TWA [mg/m³] | 50 mg/m³                          |
| EU  | IOEL TWA [ppm]   | 10 ppm                            |
| Ireland   | Local name       | Naphthalene                       |

05.04.2022 EN (English) 3/9

## Safety Data Sheet

according to Regulation (EU) 2020/878

| Naphthalene (91-20-3) |                 |            |
|-----------------------|-----------------|------------|
| Ireland               | OEL TWA [mg/m³] | 50 mg/m³   |
| Ireland               | OEL TWA [ppm]   | 10 ppm     |
| Malta                 | Local name      | Naphtalene |
| Malta                 | OEL TWA [mg/m³] | 50 mg/m³   |
| Malta                 | OEL TWA [ppm]   | 10 ppm     |

| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified (64742-54-7) / Distillates (petroleum), hydrotreated light paraffinic; Baseoil— unspecified (64742-55-8) |                           |  |  |
|---|---------------------------|--|--|
| DNEL/DMEL (Workers)   |                           |  |  |
| Long-term - systemic effects, dermal  | 0.97 mg/kg bodyweight/day |  |  |
| Long-term - systemic effects, inhalation  | 2.73 mg/m³                |  |  |
| Long-term - local effects, inhalation   | 5.58 mg/m³                |  |  |
| DNEL/DMEL (General population)  |                           |  |  |
| Long-term - systemic effects,oral   | 0.74 mg/kg bodyweight/day |  |  |
| PNEC (Oral)   | PNEC (Oral)               |  |  |
| PNEC oral (secondary poisoning)   | 9.33 mg/kg food           |  |  |
| Fuels, diesel; Gasoil— unspecified (68334-30-5)   |                           |  |  |
| DNEL/DMEL (Workers)   |                           |  |  |
| Acute - systemic effects, inhalation  | 4288 mg/m³                |  |  |
| Long-term - systemic effects, dermal  | 2.91 mg/kg bodyweight/day |  |  |
| Long-term - systemic effects, inhalation  | 68.34 mg/m³               |  |  |
| DNEL/DMEL (General population)  |                           |  |  |
| Acute - systemic effects, inhalation  | 2572.8 mg/m³              |  |  |
| Long-term - systemic effects,oral   | 1.25 mg/kg bodyweight/day |  |  |
| Long-term - systemic effects, inhalation  | 20.22 mg/m³               |  |  |
| Long-term - systemic effects, dermal  | 1.25 mg/kg bodyweight/day |  |  |

## 8.2. Exposure controls

## Appropriate engineering controls:

Provide local exhaust or general room ventilation to minimize vapour concentrations.

### Hand protection:

Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:

Chemical goggles or safety glasses (EN 166).

### Skin and body protection:

Wear suitable protective clothing.

## Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Combined gas/dust mask with filter type A/P.

## 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 : Colourless - yellow
Odour : Characteristic
Melting point/freezing point : No data available
Boiling point or initial boiling point and boiling : No data available

range

05.04.2022 EN (English) 4/9

## Safety Data Sheet

Solubility

according to Regulation (EU) 2020/878

Flammability : Flammable liquid and vapour

Water: practically insoluble

Lower and upper explosion limit : No data available Flash point :  $\geq 23 - \leq 60$  °C Auto-ignition temperature : No data available Decomposition temperature : No data available pH : Not applicable Kinematic viscosity :  $\leq 20.5$  mm²/s (40 °C)

Partition coefficient n-octanol/water (log value) : Not applicable
Vapour pressure : No data available
Density and/or relative density : No data available
Relative vapour density : No data available
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

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

## 10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

No hazardous decomposition products known. In case of fire: Carbon dioxide. Carbon monoxide.

## **SECTION 11: Toxicological information**

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

Acute toxicity : Not classified

Based on available data, the classification criteria are not met

| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified (64742-54-7) / Distillates (petroleum), hydrotreated light paraffinic; Baseoil— unspecified (64742-55-8) |               |
|---|---------------|
| LD50 oral rat   | > 5000 mg/kg  |
| LD50 dermal rabbit  | > 5000 mg/kg  |
| LC50 Inhalation rat   | 2.18 mg/l/4 h |

| Fuels, diesel; Gasoil— unspecified (68334-30-5) |              |
|---|--------------|
| LD50 oral rat                                   | 17900 mg/kg  |
| LD50 dermal rabbit                              | > 4300 mg/kg |
| LC50 Inhalation rat                             | 4.1 mg/l/4 h |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Suspected of causing cancer.

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

05.04.2022 EN (English) 5/9

## Safety Data Sheet

according to Regulation (EU) 2020/878

Specific target organ toxicity (single exposure) : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated

exposure)

: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : May be fatal if swallowed and enters airways.

### 11.2. Information on other hazards

Potential adverse human health effects and symptoms

:

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

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-

: Not classified

term (acute)

Hazardous to the aquatic environment, long-

: Toxic to aquatic life with long lasting effects.

term (chronic)

| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified (64742-54-7) / Distillates (petroleum), hydrotreated light paraffinic; Baseoil— unspecified (64742-55-8) |  |
|---|--|
| LLC50 fish  | > 100 mg/l 96 h, Pimephales promelas             |
| EL50 crustacea  | > 10000 mg/l 48 h, Daphnia magna                 |
| NOEL chronic crustacea  | 10 mg/l 21 d, Daphnia magna                      |
| NOEL chronic algae  | ≥ 100 mg/l 72 h. Pseudokirchneriella subcapitata |

| Fuels, diesel; Gasoil— unspecified (68334-30-5) |   |
|---|---|
| LL50 fish                                       | 21 mg/l 96 h, Oncorhynchus mykiss             |
| EL50 crustacea                                  | 68 mg/l 48 h, Daphnia magna                   |
| EL50 algae                                      | 10 mg/l 72 h, Pseudokirchneriella subcapitata |
| NOEL chronic algae                              | 1 mg/l 72 h, Pseudokirchneriella subcapitata  |

### 12.2. Persistence and degradability

| Fuels, diesel; Gasoil— unspecified (68334-30-5 |                        |
|--|------------------------|
| Persistence and degradability                  | Readily biodegradable. |
| Biodegradation                                 | 60 % 28 d (OECD 301 F) |

#### 12.3. Bioaccumulative potential

No additional information available

## 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

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : This material and its container must be disposed of in a safe way. Do not empty into drains.

European List of Waste (LoW) code : 07 02 13 - waste plastic

Waste code number : The valid EWC waste code numbers are source related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC

codes listed are intended as a recommendation for users.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

## 14.1. UN number or ID number

 UN-No. (ADR)
 : UN 1202

 UN-No. (IMDG)
 : UN 1202

 UN-No.(IATA)
 : UN 1202

05.04.2022 EN (English) 6/9

## Safety Data Sheet

according to Regulation (EU) 2020/878

#### **UN** proper shipping name

Proper Shipping Name (ADR) : DIESEL FUEL : DIESEL FUEL Proper Shipping Name (IMDG) Proper Shipping Name (IATA) : Diesel fuel

Transport document description (ADR) UN 1202 DIESEL FUEL, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS

: UN 1202 DIESEL FUEL, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS Transport document description (IMDG)

Transport document description (IATA) : UN 1202 Diesel fuel. 3. III

#### 14.3. Transport hazard class(es)

#### **ADR**

Transport hazard class(es) (ADR) : 3

Danger labels (ADR) : 3



### **IMDG**

Transport hazard class(es) (IMDG) : 3 Danger labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3 : 3 Danger labels (IATA)



#### 14.4. **Packing group**

: III Packing group (ADR) : III Packing group (IMDG) Packing group (IATA) : 111

### **Environmental hazards**

Dangerous for the environment : Yes Marine pollutant : Yes

Other information : No supplementary information available

## Special precautions for user

## Overland transport

Classification code (ADR) : F1 Special provisions (ADR) : 640K, 664 Limited quantities (ADR) : 51 Excepted quantities (ADR) : E1

: P001, IBC03, LP01, R001 Packing instructions (ADR)

Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR): T2 Portable tank and bulk container special provisions: TP1

(ADR)

Tank code (ADR) : LGBF Vehicle for tank carriage : FL Transport category (ADR) : 3 Special provisions for carriage - Packages (ADR) : V12 Special provisions for carriage - Operation (ADR) : S2 Hazard identification number (Kemler No.) 30

Orange plates

30 1202

05.04.2022 EN (English) 7/9

## Safety Data Sheet

according to Regulation (EU) 2020/878

Tunnel restriction code (ADR) : D/E EAC code : 3Y

Transport by sea

Special provisions (IMDG) : 363
Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG): IBC03Tank instructions (IMDG): T2Tank special provisions (IMDG): TP1EmS-No. (Fire): F-EEmS-No. (Spillage): S-EStowage category (IMDG): A

Properties and observations (IMDG) : Immiscible with water.

Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y344 PCA limited quantity max net quantity (IATA) : 10L PCA packing instructions (IATA) : 355 : 60L PCA max net quantity (IATA) CAO packing instructions (IATA) : 366 : 220L CAO max net quantity (IATA) Special provisions (IATA) : A3 ERG code (IATA) : 3L

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

Not applicable

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

Chemical safety assessments was not carried out.

## **SECTION 16: Other information**

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Changes compared to the previous version : -

Abbreviations and acronyms:

| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road                               |
|--------|---|
| CLP    | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                |
| DMEL   | Derived Minimal Effect Level  |
| DNEL   | Derived No-Effect Level   |
| EC50   | The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration) |
| IATA   | International Air Transport Association   |
| IMDG   | "International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea                         |
| LC50   | Lethal Concentration to 50 % of a test population (Median Lethal Concentration)                                   |
| LD50   | Lethal Dose to 50% of a test population (Median Lethal Dose)  |
| NOEC/L | No Observed Effect Concentration/Level  |
| OECD   | Organisation for Economic Cooperation and Development   |
| PBT    | Persistent, Bioaccumulative and Toxic substance   |
| PNEC   | Predicted No-Effect Concentration   |
| REACH  | Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  |

05.04.2022 EN (English) 8/9

# Safety Data Sheet according to Regulation (EU) 2020/878

| SDS  | Safety Data Sheet                        |
|------|--|
| STP  | Sewage Treatment Plant                   |
| vPvB | Very Persistent and Very Bioaccumulative |

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

| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4                             |
|---------------------------|--|
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4                                  |
| Aquatic Acute 1           | Hazardous to the aquatic environment – Acute Hazard, Category 1    |
| Aquatic Chronic 1         | Hazardous to the aquatic environment – Chronic Hazard, Category 1  |
| Aquatic Chronic 2         | Hazardous to the aquatic environment – Chronic Hazard, Category 2  |
| Asp. Tox. 1               | Aspiration hazard, Category 1                                      |
| Carc. 2                   | Carcinogenicity, Category 2  |
| Flam. Liq. 3              | Flammable liquids, Category 3                                      |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2                              |
| STOT RE 2                 | Specific target organ toxicity – Repeated exposure, Category 2     |
| H226                      | Flammable liquid and vapour.                                       |
| H302                      | Harmful if swallowed.  |
| H304                      | May be fatal if swallowed and enters airways.                      |
| H315                      | Causes skin irritation.  |
| H332                      | Harmful if inhaled.  |
| H351                      | Suspected of causing cancer.                                       |
| 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.              |
| H411                      | Toxic to aquatic life with long lasting effects.                   |
|                           |  |

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.

05.04.2022 EN (English) 9/9