

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 11/02/2011 Revision date: 16/12/2022 Supersedes version of: 19/08/2019 Version: 2.1

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

#### 1.1. Product identifier

Product form : Mixture

Product name : 76910 - Mono Engine Oil CF 20W-20

Product code : 76910
Type of product : Lubricant

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

#### 1.2.1. Relevant identified uses

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

Transnational Blenders B.V. B.V.

Wieldrechtseweg, 37

NL- 3316 BG Dordrecht - Netherlands Zuid Holland

Netherlands

T+31 (0)78 6527652

technical@tnb.nl - www.tnb.nl

#### 1.4. Emergency telephone number

Emergency number : +31 (0)78 6527652

Monday to Friday: 09:00 - 16:00 (CET)

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

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

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

Not classified

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

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

EUH-statements : EUH208 - Contains Sulfonic acids, petroleum, calcium salts(61789-86-4). May produce an

allergic reaction.

EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

Other hazards which do not result in classification : Flammable liquids. Prolonged or repeated skin contact with the material will remove natural

oils which leads to a dermatitis. Spills of this product present a serious slipping hazard.

Contains no PBT/vPvB substances ≥ 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 %

# Safety Data Sheet

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

# **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 substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH, TR); substance with a Community workplace exposure limit    | CAS-No.: 64742-54-7<br>EC-No.: 265-157-1<br>EC Index-No.: 649-467-00-8<br>REACH-no: 01-2119484627-<br>24, 01-2119484627-25 | ≥ 50 – < 75 | Not classified  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH, TR); substance with a Community workplace exposure limit | CAS-No.: 64742-65-0<br>EC-No.: 265-169-7<br>EC Index-No.: 649-474-00-6<br>REACH-no: 01-2119471299-<br>27                   | ≥ 20 – < 50 | Asp. Tox. 1, H304   |
| Sulfonic acids, petroleum, calcium salts substance with national workplace exposure limit(s) (DE)   | CAS-No.: 61789-86-4<br>EC-No.: 263-093-9<br>REACH-no: 01-2119488992-<br>18   | < 0.2       | Skin Sens. 1B, H317   |

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

# **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 : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after inhalation : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after eye contact : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after eye contact : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after ingestion : After adequate first aid, no further treatment is required unless symptoms reappear.

# 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 spray. Dry powder. Foam. Carbon dioxide.

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

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

16/12/2022 (Revision date) GB - en 2/12

# Safety Data Sheet

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

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

# **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Protective equipment : Eliminate all ignition sources if safe to do so.

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear suitable

protective clothing, gloves and eye/face protection. For further information refer to section 8:

"Exposure controls/personal protection".

# 6.2. Environmental precautions

Avoid release to the environment

# 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or

streams.

Methods for cleaning up : 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.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

Storage temperature : 45 °C

Storage area : Store away from heat. Store in a well-ventilated place.
Special rules on packaging : Keep only in original container. Store in a closed container.

# 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

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |          |
|--|----------|
| EU - Indicative Occupational Exposure Limit (IOEL)                     |          |
| IOEL TWA   | 5 mg/m³  |
| IOEL STEL  | 10 mg/m³ |

# Safety Data Sheet

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

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |          |  |
|--|----------|--|
| United Kingdom - Occupational Exposure Limits                          |          |  |
| WEL TWA (OEL TWA) [1] 5 mg/m³  |          |  |
| WEL STEL (OEL STEL)  | 10 mg/m³ |  |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)    |          |  |
| EU - Indicative Occupational Exposure Limit (IOEL)                     |          |  |
| IOEL TWA   | 5 mg/m³  |  |
| United Kingdom - Occupational Exposure Limits                          |          |  |
| WEL TWA (OEL TWA) [1]  | 5 mg/m³  |  |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

# 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

# Appropriate engineering controls:

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

| Eye protection |                      |                 |          |
|----------------|----------------------|-----------------|----------|
| Туре           | Field of application | Characteristics | Standard |
| Safety glasses | Droplet              | clear           | EN 166   |

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

# Hand protection:

Time of penetration is to be checked with the glove producer

# Safety Data Sheet

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

| Hand protection |   |                   |                |             |            |
|-----------------|---|-------------------|----------------|-------------|------------|
| Туре            | Material  | Permeation        | Thickness (mm) | Penetration | Standard   |
|                 | Nitrile rubber (NBR),<br>Neoprene rubber (HNBR) | 5 (> 240 minutes) | 0.7            | 3 (> 0.65)  | EN ISO 374 |
|                 | Polyvinylchloride (PVC)                         | 2 (> 30 minutes)  | 0.4            | 3 (> 0.65)  | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 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 : light brown.

Odour : petroleum-like odour. : Not available Odour threshold Melting point : Not applicable Freezing point : -30 °C ASTM D7346 Boiling point : Not available Flammability : Non flammable. **Explosive limits** : Not available Lower explosion limit : Not available Upper explosion limit : Not available Flash point : > 201 °C ASTM D92

Auto-ignition temperature : Not available

Decomposition temperature : Not available

pH : Not available

Viscosity, kinematic : 66 mm²/s @40°C (ASTM D7042)

Solubility : insoluble in water.

Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : Not available

Vapour pressure at 50°C : Not available

Density : 887 kg/m³ @15°C (ASTM D4052)

Relative density : Not available
Relative vapour density at 20°C : Not 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

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

# Safety Data Sheet

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

#### 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

No additional information available

LOAEL (oral, rat, 90 days)

# 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

| Acute toxicity (initialation)                  | Not dassilled  |
|--|--|
| Distillates (petroleum), solvent-dewaxed hear  | yy paraffinic (64742-65-0)                           |
| LD50 oral (rat)                                | > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test |
| LD50 dermal (rabbit)                           | > 5000 mg/kg 402 Acute Dermal Toxicity Test          |
| LC50 inhalation (rat) (Vapours - mg/l/4h)      | > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test    |
| Distillates (petroleum), hydrotreated heavy pa | araffinic (64742-54-7)                               |
| LD50 oral (rat)                                | > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test |
| LD50 dermal (rabbit)                           | > 3000 mg/kg 402 Acute Dermal Toxicity Test          |
| LC50 inhalation (rat) (mg/l)                   | > 5000 mg/m³   |
| LC50 inhalation (rat) (Dust/Mist - mg/l/4h)    | > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test    |
| Sulfonic acids, petroleum, calcium salts (617  | 89-86-4)   |
| LD50 oral (rat)                                | > 5000 mg/kg   |
| LD50 dermal (rat)                              | > 4000 mg/kg   |
| 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                                       |
| Reproductive toxicity :                        | Not classified                                       |
| STOT-single exposure :                         | Not classified                                       |
| STOT-repeated exposure :                       | Not classified                                       |
| Distillates (petroleum), solvent-dewaxed hear  | yy paraffinic (64742-65-0)                           |
|  |  |

LOAEL (oral, rat, 90 days)

125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408

Aspiration hazard : Not classified

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

125 mg/kg bodyweight

16/12/2022 (Revision date) GB - en 6/12

# Safety Data Sheet

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

| 76910 - Mono Engine Oil CF 20W-20                                      |   |
|--|---|
| Viscosity, kinematic   | 66 mm²/s @40°C (ASTM D7042)               |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |   |
| Viscosity, kinematic   | 150 (1.99 – 847) mm <sup>2</sup> /s @40°C |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)    |   |
| Viscosity, kinematic   | 21 (21 – 23) mm²/s @40°C                  |

# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

| (chronic)  |  |
|--|--|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |  |
| LC50 - Fish [1]  | > 100 mg/l Pimephales promelas                   |
| EC50 - Crustacea [1]   | > 10000 mg/l Daphnia magna                       |
| NOEC chronic fish  | 1000 mg/l Oncorhynchus mykiss (14d)              |
| NOEC chronic crustacea   | 10 mg/l Daphnia magna (21d)                      |
| NOEC chronic algae   | ≥ 100 mg/l Pseudokirchneriella subcapitata (72h) |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)    |  |
| LC50 - Fish [1]  | > 100 mg/l Pimephales promelas                   |
| EC50 - Crustacea [1]   | > 10000 mg/l Daphnia magna                       |
| EC50 72h - Algae [1]   | > 100 mg/l Scenedesmus quadricauda               |
| NOEC chronic fish  | 1000 mg/l Oncorhynchus mykiss (14d)              |
| NOEC chronic crustacea   | 10 mg/l Daphnia magna (21d)                      |
| NOEC chronic algae   | ≥ 100 mg/l Pseudokirchneriella subcapitata (72h) |

| Sulfonic acids, petroleum, calcium salts (61789-86-4) |             |
|---|-------------|
| LC50 - Fish [1]                                       | > 1000 mg/l |
| EC50 - Crustacea [1]                                  | > 1000 mg/l |
| EC50 72h - Algae [1]                                  | > 1000 mg/l |

# 12.2. Persistence and degradability

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |  |
|--|--|
| Biodegradation 31 % OECD 301F (28d)                                    |  |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)    |  |
| Persistence and degradability  Not readily biodegradable.              |  |

# Safety Data Sheet

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

| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) |                      |
|---|----------------------|
| Biodegradation  | 31 % OECD 301F (28d) |

# 12.3. Bioaccumulative potential

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |     |
|--|-----|
| Bioconcentration factor (BCF REACH) 260                                |     |
| Partition coefficient n-octanol/water (Log Pow)                        | > 6 |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)    |     |
| Partition coefficient n-octanol/water (Log Pow) > 3.5                  |     |

# 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

Waste treatment methods

Product/Packaging disposal recommendations

**HP** Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- : HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

# **SECTION 14: Transport information**

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

| ADR                              | IMDG           | IATA           | ADN            | RID            |
|----------------------------------|----------------|----------------|----------------|----------------|
| 14.1. UN number or ID number     |                |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name    |                |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) |                |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group              |                |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable | Not applicable |

# Safety Data Sheet

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

| ADR                                    | IMDG   | IATA                              | ADN                               | RID                               |
|--|--|-----------------------------------|-----------------------------------|-----------------------------------|
| 14.5. Environmental hazards            |  |                                   |                                   |                                   |
| Dangerous for the environment: No      | Dangerous for the<br>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

# **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

# Safety Data Sheet

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

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

| Indication of changes |   |          |          |
|-----------------------|---|----------|----------|
| Section               | Changed item  | Change   | Comments |
|                       | Revision date   | Modified |          |
|                       | Supersedes  | Modified |          |
|                       | Flammability (solid, gas)                                       | Added    |          |
| 2.1                   | Adverse physicochemical, human health and environmental effects | Added    |          |
| 2.2                   | EUH-statements  | Added    |          |
| 2.2                   | Hazard pictograms (CLP)   | Added    |          |
| 2.2                   | Precautionary statements (CLP)                                  | Added    |          |
| 2.2                   | Hazard statements (CLP)   | Added    |          |
| 2.2                   | Signal word (CLP)   | Added    |          |
| 4.1                   | First-aid measures after skin contact                           | Added    |          |
| 4.1                   | First-aid measures after inhalation                             | Added    |          |
| 4.1                   | First-aid measures after ingestion                              | Added    |          |
| 4.1                   | First-aid measures after eye contact                            | Added    |          |
| 4.3                   | Other medical advice or treatment                               | Added    |          |
| 5.1                   | Suitable extinguishing media                                    | Added    |          |
| 5.2                   | Hazardous decomposition products in case of fire                | Added    |          |
| 5.3                   | Protection during firefighting                                  | Added    |          |
| 6.1                   | Emergency procedures  | Added    |          |
| 6.1                   | Protective equipment  | Added    |          |
| 6.2                   | Environmental precautions                                       | Added    |          |
| 6.3                   | Methods for cleaning up   | Added    |          |
| 6.3                   | Other information   | Added    |          |
| 6.4                   | Reference to other sections (8, 13)                             | Added    |          |
| 7.1                   | Precautions for safe handling                                   | Added    |          |
| 7.1                   | Hygiene measures  | Added    |          |
| 7.2                   | Storage conditions  | Added    |          |
| 8.2                   | Environmental exposure controls                                 | Added    |          |
| 8.2                   | Respiratory protection  | Added    |          |
| 8.2                   | Hand protection   | Modified |          |
| 8.2                   | Eye protection  | Added    |          |
| 8.2                   | Appropriate engineering controls                                | Added    |          |
| 8.2                   | Skin and body protection  | Added    |          |

# Safety Data Sheet

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

| Indication of changes |                                    |          |          |
|-----------------------|------------------------------------|----------|----------|
| Section               | Changed item                       | Change   | Comments |
| 9.1                   | Viscosity, kinematic               | Modified |          |
| 9.1                   | Freezing point                     | Modified |          |
| 9.1                   | Flash point                        | Modified |          |
| 9.1                   | Density                            | Modified |          |
| 10.1                  | Reactivity                         | Added    |          |
| 10.2                  | Chemical stability                 | Added    |          |
| 10.3                  | Possibility of hazardous reactions | Added    |          |
| 10.4                  | Conditions to avoid                | Added    |          |
| 10.6                  | Hazardous decomposition products   | Added    |          |
| 12.1                  | Ecology - general                  | Added    |          |
| 13.1                  | Waste treatment methods            | Added    |          |
| 13.1                  | HP Code                            | Added    |          |
| 15.2                  | Chemical safety assessment         | Added    |          |
| 16                    | Abbreviations and acronyms         | Added    |          |

| Abbreviations and acronyms: |   |  |
|-----------------------------|---|--|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |  |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |  |
| ATE                         | Acute Toxicity Estimate   |  |
| BCF                         | Bioconcentration factor   |  |
| BLV                         | Biological limit value  |  |
| BOD                         | Biochemical oxygen demand (BOD)   |  |
| COD                         | Chemical oxygen demand (COD)  |  |
| DMEL                        | Derived Minimal Effect level  |  |
| DNEL                        | Derived-No Effect Level   |  |
| EC-No.                      | European Community number   |  |
| EC50                        | Median effective concentration  |  |
| EN                          | European Standard   |  |
| IARC                        | International Agency for Research on Cancer   |  |
| IATA                        | International Air Transport Association   |  |
| IMDG                        | International Maritime Dangerous Goods  |  |
| LC50                        | Median lethal concentration   |  |
| LD50                        | Median lethal dose  |  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |  |
| NOAEL                       | No-Observed Adverse Effect Level  |  |
| NOEC                        | No-Observed Effect Concentration  |  |
| OECD                        | Organisation for Economic Co-operation and Development  |  |

# Safety Data Sheet

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

| Abbreviations and acronyms: |  |  |
|-----------------------------|--|--|
| OEL                         | Occupational Exposure Limit  |  |
| PBT                         | Persistent Bioaccumulative Toxic   |  |
| PNEC                        | Predicted No-Effect Concentration  |  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |  |
| SDS                         | Safety Data Sheet  |  |
| STP                         | Sewage treatment plant   |  |
| ThOD                        | Theoretical oxygen demand (ThOD)   |  |
| TLM                         | Median Tolerance Limit   |  |
| VOC                         | Volatile Organic Compounds   |  |
| CAS-No.                     | Chemical Abstract Service number   |  |
| N.O.S.                      | Not Otherwise Specified  |  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |  |
| ED                          | Endocrine disrupting properties  |  |

| Full text of H- and EUH-statements: |  |  |
|-------------------------------------|--|--|
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |  |
| EUH208                              | Contains Sulfonic acids, petroleum, calcium salts(61789-86-4). May produce an allergic reaction. |  |
| EUH210                              | Safety data sheet available on request.  |  |
| H304                                | May be fatal if swallowed and enters airways.  |  |
| H317                                | May cause an allergic skin reaction.   |  |
| Skin Sens. 1B                       | Skin sensitisation, category 1B  |  |

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.