

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 21/06/2012 Revision date: 08/08/2022 Supersedes version of: 25/02/2021 Version: 3.4

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

1.1. Product identifier

Product form : Mixture

Product name : 42560 - ENGINE OIL HDX 15W-40

Product code : 42560
Type of product : Lubricant

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

1.2.1. Relevant identified uses

Main use category : Consumer use,Professional use Function or use category : Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

77 Lubricants B.V. NL- 1761 JA The Netherlands T +31 (0)78 6527652

technical@77lubricants.nl - www.77lubricants.nl

1.4. Emergency telephone number

Emergency number : +31 (0)78 6527652

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

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|---------------------------------|------------------|---------|
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road SE14 5ER London | +44 20 7188 7188 | |

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 : 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

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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), 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 EC-No.: 265-169-7 EC Index-No.: 649-474-00-6 REACH-no: 01-2119471299- 27 | 50 – 75 | Asp. Tox. 1, H304 |
| 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 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25 | 10 – 50 | Not classified |
| Distillates (petroleum), hydrotreated light 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); substance with a Community workplace exposure limit | CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- | 2.5 – 5 | Asp. Tox. 1, H304 |
| Distillates (petroleum), solvent-refined heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, EE, ES, FI, FR, GR, HR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH); substance with a Community workplace exposure limit | EC-No.: 265-090-8 EC Index-No.: 649-454-00-7 REACH-no: 01-2119488706- | 0.3 – 2.5 | Not classified |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased | CAS-No.: 68784-26-9 EC-No.: 701-251-5 REACH-no: 01-2119524004- 56 | 0.3 – 2.5 | Aquatic Chronic 4, H413 |

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.

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Symptoms/effects after skin contact

Symptoms/effects after eye contact

Symptoms/effects after eye contact

Symptoms/effects after ingestion

After adequate first aid, no further treatment is required unless symptoms reappear.

After adequate first aid, no further treatment is required unless symptoms reappear.

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.

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

5.2. Special hazards arising from the substance or mixture

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

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. 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

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 : 50 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Store in a closed container. Keep only in original container.

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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 | L TWA 5 mg/m³ | | |
| IOEL STEL | 10 mg/m³ | | |
| United Kingdom - Occupational Exposure Limits | | | |
| WEL TWA (OEL TWA) [1] | 5 mg/m³ | | |
| WEL STEL (OEL STEL) | 10 mg/m³ | | |
| Distillates (petroleum), hydrotreated heavy pa | raffinic (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 | | |
| Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) | | | |
| EU - Indicative Occupational Exposure Limit (IOEL) | | | |
| IOEL TWA | 5 mg/m³ | | |
| United Kingdom - Occupational Exposure Limits | | | |
| WEL TWA (OEL TWA) [1] | 5 mg/m³ | | |
| Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4) | | | |
| EU - Indicative Occupational Exposure Limit (IOEL) | | | |
| IOEL TWA 5 mg/m³ | | | |
| OEL STEL 10 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

No additional information available

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8.2.2. Personal protection equipment

Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

No additional information available

8.2.2.3. Respiratory protection

No additional information available

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 : characteristic. Odour threshold : Not available Melting point : Not applicable Freezing point : -30 °C Boiling point : Not available Flammability : Not applicable **Explosive limits** : Not available Lower explosion limit : Not available Upper explosion limit : Not available Flash point : > 215 °C Auto-ignition temperature : Not available Decomposition temperature : Not available рΗ : Not available Viscosity, kinematic 100 mm²/s @40°C Solubility insoluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50 °C : Not available : 885 kg/m³ @15°C Density Relative density : Not available

9.2. Other information

Particle characteristics

Relative vapour density at 20 °C

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

: Not available

: Not applicable

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

No additional information available

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 (inhalation) | Not classified | | | |
|---|--|--|--|--|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | | | | |
| LD50 oral (rat) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test | | | | |
| LD50 dermal (rabbit) | > 2000 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 | raffinic (64742-54-7) | | | |
| 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) (Dust/Mist - mg/l/4h) | > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test | | | |
| Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) | | | | |
| LD50 oral (rat) | > 5000 mg/kg | | | |
| LD50 dermal (rabbit) | > 5000 mg/kg | | | |
| LC50 inhalation (rat) (Dust/Mist - mg/l/4h) | > 5.53 mg/l/4h | | | |
| Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4) | | | | |
| LD50 oral (rat) | > 5000 mg/kg | | | |
| LD50 dermal (rabbit) | > 2000 mg/kg | | | |
| LC50 inhalation (rat) (Vapours - mg/l/4h) | 5.53 mg/l/4h | | | |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | | | |
| LD50 oral (rat) | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) | | | |

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| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | | |
|---|---|--|--|
| LD50 dermal (rabbit) | > 4000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) | | |
| 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 heav | y paraffinic (64742-65-0) | | |
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight | | |
| NOAEL (dermal, rat/rabbit, 90 days) | ≈ 1000 mg/kg bodyweight | | |
| Distillates (petroleum), hydrotreated heavy pa | araffinic (64742-54-7) | | |
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 | | |
| Distillates (petroleum), hydrotreated light par | affinic (64742-55-8) | | |
| NOAEL (subchronic, oral, animal/male, 90 days) | 125 mg/kg bodyweight | | |
| Phenol, dodecyl-, sulfurized, carbonates, cald | cium salts, overbased (68784-26-9) | | |
| NOAEL (oral, rat, 90 days) | 200 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) | | |
| NOAEL (dermal, rat/rabbit, 90 days) | ≈ 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) | | |
| Aspiration hazard : | Not classified | | |
| 42560 - ENGINE OIL HDX 15W-40 | | | |
| Viscosity, kinematic | 100 mm²/s @40°C | | |
| Distillates (petroleum), solvent-dewaxed heav | yy paraffinic (64742-65-0) | | |
| Viscosity, kinematic | 150 (1.99 – 847) mm²/s @40°C | | |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) | | | |
| Viscosity, kinematic | 109 mm²/s @40°C | | |
| Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) | | | |
| Viscosity, kinematic | 1.99 – 847 mm²/s @40°C | | |
| Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4) | | | |
| Viscosity, kinematic | 28.51 mm²/s @40°C | | |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | | |
| Viscosity, kinematic | 206820 mm²/s Temp.: '20°C' Parameter: 'cStcSt' | | |
| | | | |

11.2. Information on other hazards

No additional information available

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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

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

| (MITOTIO) | | |
|---|--|--|
| 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 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 | |
| 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 light | paraffinic (64742-55-8) | |
| 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), solvent-refined heavy paraffinic (64741-88-4) | | |
| LC50 - Fish [1] | > 100 mg/l Pimephales promelas | |
| EC50 - Crustacea [1] | > 10000 mg/l Daphnia magna | |
| NOEC chronic fish | 1000 mg/l Oncorhynchus mykiss | |
| NOEC chronic crustacea | 10 mg/l Daphnia magna | |
| NOEC chronic algae | ≥ 100 mg/l Pseudokirchneriella subcapitata | |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | |
| LC50 - Fish [1] | > 1000 mg/l Pimephales promelas | |
| EC50 - Crustacea [1] > 1000 mg/l Daphnia magna | | |
| EC50 96h - Algae [1] > 500 mg/l Pseudokirchneriella subcapitata | | |

12.2. Persistence and degradability

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

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| Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) | | | |
|---|--|--|--|
| Biodegradation 31 % 28 d, OECD TG 301 F | | | |
| Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4) | | | |
| Persistence and degradability Not readily biodegradable. | | | |
| Biodegradation 31 % 28d | | | |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | | |
| Persistence and degradability Not readily biodegradable. | | | |
| Biodegradation 13.4 % 28 Days | | | |

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 | | | |
| Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) | | | |
| Partition coefficient n-octanol/water (Log Pow) > 6 | | | |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | | |
| BCF - Fish [1] 2.2 14 Days | | | |
| Bioconcentration factor (BCF REACH) 2.2 | | | |
| Partition coefficient n-octanol/water (Log Pow) 9.5 | | | |

12.4. Mobility in soil

| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (68784-26-9) | | |
|---|--|--|
| Ecology - soil Adsorbs into the soil. | | |

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

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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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 shippin | g name | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard o | 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 |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: No | Dangerous for the environment: No 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 REACH substances with Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

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PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 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 drug precursors)

15.1.2. National regulations

No additional information available

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 | |
| | Supersedes | Modified | | |
| | Revision date | Modified | | |
| 3 | Composition/information on ingredients | Modified | | |
| 9.1 | Freezing point | Modified | | |
| 13.1 | HP Code | 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 |

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| Abbreviations and acronyms: | | |
|-----------------------------|--|--|
| 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 | |
| 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: | | |
|-------------------------------------|---|--|
| Aquatic Chronic 4 | Hazardous to the aquatic environment – Chronic Hazard, Category 4 | |
| Asp. Tox. 1 | Aspiration hazard, Category 1 | |
| EUH210 | Safety data sheet available on request. | |
| H304 | May be fatal if swallowed and enters airways. | |
| H413 | May cause long lasting harmful effects to aquatic life. | |

The classification complies with : ATP 8

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.