# 43720 - INDUSTRIAL GEAR OIL CLP 150

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Issue date: 20-3-2012 Revision date: 28-2-2019 Supersedes: 9-8-2018 Version: 1.7

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

### 1.1. Product identifier

Product form : Mixture

Product name : 43720 - INDUSTRIAL GEAR OIL CLP 150

Product code : 43720

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only

#### 1.2.2. Uses advised against

No additional information available

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

77 Lubricants
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 |
|---|---|---|---|---|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| 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]

Skin sensitisation, Category 1 H317

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

#### 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]

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning
Hazardous ingredients : Amines, C12-14-tert-alkyl
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P321 - Specific treatment (see supplemental first aid instruction on this label).

### 2.3. Other hazards

Other hazards not contributing to the 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.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : This product is not considered to be hazardous

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).]<br>substance with a Community workplace exposure limit (Note L) | (CAS-No.) 64742-65-0<br>(EC-No.) 265-169-7<br>(EC Index-No.) 649-474-00-6<br>(REACH-no) 01-2119471299-27 | 50 – 75 | Not classified |
| Amines, C12-14-tert-alkyl | (CAS-No.) 68955-53-3<br>(EC-No.) 273-279-1<br>(REACH-no) 01-2119456798-18 | 0,05 – 0,5 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 2 (Inhalation), H330<br>Skin Corr. 1B, H314<br>Skin Sens. 1A, H317<br>STOT SE 3, H335<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Mineral oil<br>substance with a Community workplace exposure limit | | 0,05 – 0,5 | Not classified |
| (Z)-octadec-9-enylamine | (CAS-No.) 112-90-3<br>(EC-No.) 204-015-5<br>(EC Index-No.) 612-283-00-3 | 0,01 – 0,1 | Acute Tox. 4 (Oral), H302<br>Asp. Tox. 1, H304<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10) |

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.
Full text of H-statements: 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. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

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 skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

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

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

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

Symptoms/effects after skin 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.

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

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

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

#### 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. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. 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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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 : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 45 °C

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

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

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Amines, C12-14-tert-alkyl (68955-53-3) | |
|---|---|
| **EU - Occupational Exposure Limits** | |
| IOELV TWA (ppm) | 1 ppm |
| IOELV STEL (ppm) | 2,5 ppm |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] (64742-65-0) | |
|---|---|
| **EU - Occupational Exposure Limits** | |
| IOELV TWA (mg/m³) | 5 mg/m³ |
| IOELV STEL (mg/m³) | 10 mg/m³ |
| **Bulgaria - Occupational Exposure Limits** | |
| OEL TWA (mg/m³) | 5 mg/m³ |
| OEL STEL (mg/m³) | 10 mg/m³ |
| **Croatia - Occupational Exposure Limits** | |
| GVI (granična vrijednost izloženosti) (mg/m³) | 5 mg/m³ |
| KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³) | 10 mg/m³ |
| **Czech Republic - Occupational Exposure Limits** | |
| Expoziční limity (PEL) (mg/m³) | 5 mg/m³ |
| Expoziční limity (NPK-P) (mg/m³) | 10 mg/m³ |
| **Denmark - Occupational Exposure Limits** | |
| Grænsevædi (8 timer) (mg/m³) | 1 mg/m³ |
| **Netherlands - Occupational Exposure Limits** | |
| Grenswaarde TGG 8H (mg/m³) | 5 mg/m³ |

| Mineral oil | |
|---|---|
| **EU - Occupational Exposure Limits** | |
| IOELV TWA (mg/m³) | 5 mg/m³ |
| **Belgium - Occupational Exposure Limits** | |
| Limit value (mg/m³) | 5 mg/m³ |
| Short time value (mg/m³) | 10 mg/m³ |
| **Bulgaria - Occupational Exposure Limits** | |
| OEL TWA (mg/m³) | 5 mg/m³ |
| **Czech Republic - Occupational Exposure Limits** | |
| Expoziční limity (PEL) (mg/m³) | 5 mg/m³ |
| Expoziční limity (NPK-P) (mg/m³) | 10 mg/m³ |
| **Finland - Occupational Exposure Limits** | |
| HTP-arvo (8h) (mg/m³) | 5 mg/m³ |
| **Greece - Occupational Exposure Limits** | |
| OEL TWA (mg/m³) | 5 mg/m³ |
| **Latvia - Occupational Exposure Limits** | |
| OEL TWA (mg/m³) | 5 mg/m³ |
| **Lithuania - Occupational Exposure Limits** | |
| IPRV (mg/m³) | 1 mg/m³ |
| TPRV (mg/m³) | 3 mg/m³ |
| **Netherlands - Occupational Exposure Limits** | |
| Grenswaarde TGG 8H (mg/m³) | 5 mg/m³ |

| Poland - Occupational Exposure Limits | |
|---|---|
| NDS (mg/m³) | 5 mg/m³ |
| NDSCh (mg/m³) | 10 mg/m³ |
| **Spain - Occupational Exposure Limits** | |
| VLA-ED (mg/m³) | 5 mg/m³ |
| VLA-EC (mg/m³) | 10 mg/m³ |
| **Sweden - Occupational Exposure Limits** | |
| nivågränsvärde (NVG) (mg/m³) | 1 mg/m³ |
| kortidsvärde (KTV) (mg/m³) | 3 mg/m³ |
| **USA - ACGIH - Occupational Exposure Limits** | |
| ACGIH TWA (mg/m³) | 5 mg/m³ |
| ACGIH STEL (mg/m³) | 10 mg/m³ |

## 8.2. Exposure controls

**Appropriate engineering controls:**

Use adequate ventilation to keep oil mist below applicable standard. Use splash goggles when eye contact due to splashing is possible. Ocular shower with suitable liquid.

**Personal protective equipment:**

Gloves. Safety glasses. Protective clothing. Avoid all unnecessary exposure.

| **Materials for protective clothing:** |
|---|
| Wear suitable protective clothing |

| **Hand protection:** |
|---|
| Breakthrough time : refer to the recommendations of the supplier |

| **Eye protection:** |
|---|
| Chemical goggles or safety glasses. Use splash goggles when eye contact due to splashing is possible. EN 166 |

| **Skin and body protection:** |
|---|
| Avoid prolonged and repeated contact with skin. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn |

| **Respiratory protection:** |
|---|
| Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Particle filter. EN 143 |

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

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | light yellow. |
| Odour | : | No data available |
| Odour threshold | : | No data available |
| pH | : | No data available |
| Relative evaporation rate (butylacetate=1) | : | No data available |
| Melting point | : | Not applicable |
| Freezing point | : | -27 °C |
| Boiling point | : | No data available |
| Flash point | : | > 210 °C |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | Non flammable. |
| Vapour pressure | : | No data available |
| Relative vapour density at 20 °C | : | No data available |
| Relative density | : | No data available |
| Density | : | 891,3 kg/m³ @15°C |
| Solubility | : | insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Viscosity, kinematic | : | 150 mm²/s @40°C |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | No data available |
| Oxidising properties | : | No data available |
| Explosive limits | : | No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |

Acute toxicity (inhalation) : Not classified

| (Z)-octadec-9-enylamine (112-90-3) | |
|---|---|
| LD50 oral (rat) | 1689 mg/kg bodyweight |

| Amines, C12-14-tert-alkyl (68955-53-3) | |
|---|---|
| LD50 oral (rat) | 612 mg/kg |
| LD50 dermal (rat) | 251 mg/kg bodyweight |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] (64742-65-0) | |
|---|---|
| LD50 oral (rat) | > 5000 mg/kg bodyweight |
| LD50 dermal (rabbit) | > 5000 mg/kg |
| LC50 inhalation (rat) (Vapours - mg/l/4h) | > 5,53 mg/l/4h |

| Mineral oil | |
|---|---|
| LD50 oral (rat) | > 5000 mg/kg |
| LD50 dermal (rabbit) | > 5000 mg/kg |
| LC50 inhalation (rat) (Dust/Mist - mg/l/4h) | > 5000 mg/l/4h |

Skin corrosion/irritation : Not classified
Additional information : Based on available data, the classification criteria are not met
Serious eye damage/irritation : Not classified
Additional information : Based on available data, the classification criteria are not met
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Additional information : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Not classified
Additional information : Based on available data, the classification criteria are not met
Carcinogenicity : Not classified
Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified
Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified
Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified
Additional information : Based on available data, the classification criteria are not met

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] (64742-65-0) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight |
| NOAEL (dermal, rat/rabbit, 90 days) | ≈ 1000 mg/kg bodyweight |

Aspiration hazard : Not classified
Additional information : Based on available data, the classification criteria are not met

| 43720 - INDUSTRIAL GEAR OIL CLP 150 | |
|---|---|
| Viscosity, kinematic | 150 mm²/s @40°C |

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## 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 (chronic) : Harmful to aquatic life with long lasting effects.

| (Z)-octadec-9-enylamine (112-90-3) | |
|---|---|
| LC50 fish 1 | 0,11 mg/l Pimephales promelas |
| EC50 Daphnia 1 | 0,011 mg/l Daphnia magna |
| EC50 96h algae (1) | 0,03 mg/l Pseudokirchnerella subcapitata |

| Amines, C12-14-tert-alkyl (68955-53-3) | |
|---|---|
| NOEC (acute) | 0,56 mg/l |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] (64742-65-0) | |
|---|---|
| LC50 fish 1 | 100 mg/l |
| EC50 Daphnia 1 | 10000 mg/l |
| EC50 72h algae (1) | 3 mg/l |

| Mineral oil | |
|---|---|
| LC50 fish 1 | > 100 mg/l Pimephales promelas |
| EC50 Daphnia 1 | > 10000 mg/l |
| EC50 72h algae (1) | > 100 mg/l Scenedesmus quadricauda |

### 12.2. Persistence and degradability

| 43720 - INDUSTRIAL GEAR OIL CLP 150 | |
|---|---|
| Persistence and degradability | Not established. |

| (Z)-octadec-9-enylamine (112-90-3) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 66 % 28 Days |

| Amines, C12-14-tert-alkyl (68955-53-3) | |
|---|---|
| Biodegradation | 28 % (OECD TG 301D) |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] (64742-65-0) | |
|---|---|
| Persistence and degradability | Not biodegradable. |
| Biodegradation | 31 % 28 d OECD 301F |

| Mineral oil | |
|---|---|
| Biodegradation | 31 % |

### 12.3. Bioaccumulative potential

| 43720 - INDUSTRIAL GEAR OIL CLP 150 | |
|---|---|
| Bioaccumulative potential | Not established. |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] (64742-65-0) | |
|---|---|
| Bioconcentration factor (BCF REACH) | 260 |
| Partition coefficient n-octanol/water (Log Pow) | 9,2 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

## 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 in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

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

### 14.1. UN number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

**ADR**
Transport hazard class(es) (ADR) : Not applicable
**IMDG**
Transport hazard class(es) (IMDG) : Not applicable
**IATA**
Transport hazard class(es) (IATA) : Not applicable
**ADN**
Transport hazard class(es) (ADN) : Not applicable
**RID**
Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : 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. Transport in bulk according to Annex II of Marpol and the IBC Code

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 REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
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.
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

#### 15.1.2. National regulations

**Germany**
Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands**

Ministry's list of carcinogens : Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).],Amines, C12-14-tert-alkyl are listed

Ministry's list of mutagens : Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).],Amines, C12-14-tert-alkyl are listed

NON-exhaustive list of reproductive toxins - Breastfeeding : None of the components are listed

NON-exhaustive list of reproductive toxins - Fertility : None of the components are listed

NON-exhaustive list of reproductive toxins - Evolution : None of the components are listed

**Denmark**

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 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 | Added | |
| 2.1 | Adverse physicochemical, human health and environmental effects | Added | |
| 2.2 | EUH-statements | Added | |
| 4.1 | First-aid measures after eye contact | Modified | |
| 4.1 | First-aid measures after ingestion | Modified | |
| 4.1 | First-aid measures after inhalation | Modified | |
| 4.1 | First-aid measures after skin contact | Modified | |
| 4.3 | Other medical advice or treatment | Added | |
| 5.2 | Hazardous decomposition products in case of fire | Added | |
| 5.3 | Protection during firefighting | Modified | |
| 6.1 | Protective equipment | Modified | |
| 6.1 | Emergency procedures | Modified | |
| 6.2 | Environmental precautions | Modified | |
| 6.3 | Other information | Added | |
| 7.1 | Hygiene measures | Added | |
| 7.1 | Precautions for safe handling | Modified | |

| | | | |
|---|---|---|---|
| 7.2 | Storage conditions | Modified | |
| 8.2 | Environmental exposure controls | Added | |
| 8.2 | Appropriate engineering controls | Added | |
| 8.2 | Eye protection | Modified | |
| 8.2 | Hand protection | Modified | |
| 9.1 | Melting point | Added | |
| 10.1 | Reactivity | Added | |
| 12.1 | Ecology - general | Added | |
| 13.1 | Waste treatment methods | 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 |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Median effective concentration |
| 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 |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| PNEC | Predicted No-Effect Concentration |
| PBT | Persistent Bioaccumulative Toxic |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| vPvB | Very Persistent and Very Bioaccumulative |

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.

Other information : None.

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2 |
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| 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 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H330 | Fatal if inhaled. |
| H335 | May cause respiratory irritation. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

SDS EU (REACH Annex II)