# ALCON DIESEL PARTICULATE FILTER CLEANER SPRAY

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Reference number: ALC-115
Issue date: 10/20/2020 Version: 1.0

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Product name | : | ALCON DIESEL PARTICULATE FILTER CLEANER SPRAY |
| Product code | : | M-9600 |
| Vaporizer | : | Aerosol |
| Product group | : | Trade product |

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

#### 1.2.1. Relevant identified uses

| | | |
|---|---|---|
| Main use category | : | Industrial use,Consumer use |
| Industrial/Professional use spec | : | Industrial |
| Use of the substance/mixture | : | It is compatible with all diesel injected engine types (without turbo or turbocharged). It removes the carbon and ash deposits accumulated in the diesel particle filter over time without removing the filter. It is applied in case of a decrease in performance due to the fact that the diesel particle filter does not operate fully. Thanks to the excellent moisturizing properties of our product, DPF penetrates the honeycomb structure and provides effective cleaning. |

#### 1.2.2. Uses advised against

No additional information available

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

ALCON ENDÜSTRİYEL ÜRÜNLER SANAYİ VE TİCARET LİMİTED ŞİRKETİ
SOĞANLIK YENİ MAH, ALİAĞA SOK. NO:8 KAT:9 DAİRE:37 Bumerang Kartal Rezidans
34880 KARTAL / İSTANBUL - TÜRKİYE
T +90 216 661 00 90 - F +90 216 661 01 57
alcon@alcon.com.tr - www.alcon.com.tr

### 1.4. Emergency telephone number

Emergency number : +90 216 661 00 90

| Country | Organisation/Company | Address | Emergency number | Comment |
|---|---|---|---|---|
| Turkey | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzıssıhha Merkezi Başkanlığı | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara | 114 | Information is provided to public and medical personnel on poisoning incidents via 114. |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

| | |
|---|---|
| Aerosol, Category 1 | H222;H229 |
| Acute toxicity (oral), Category 4 | H302 |
| Acute toxicity (dermal), Category 4 | H312 |
| Acute toxicity (inhalation:dust,mist) Category 4 | H332 |
| Serious eye damage/eye irritation, Category 1 | H318 |
| Germ cell mutagenicity, Category 1B | H340 |
| Carcinogenicity, Category 1A | H350 |
| Specific target organ toxicity — single exposure, Category 1 | H370 |

Full text of H statements : see section 16

### Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause cancer. May cause genetic defects. Causes damage to organs. Harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. Causes serious eye damage.

## 2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS05 GHS07 GHS08

Signal word (CLP) : Danger

Contains : methanol; Petroleum gases, liquefied; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately– 40°C to 80°C (– 40°F to 176°F).]; 2-ethylhexanol, ethoxylated

Hazard statements (CLP) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.
H318 - Causes serious eye damage.
H340 - May cause genetic defects.
H350 - May cause cancer.
H370 - Causes damage to organs.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing vapours, fume, gas, mist, spray, dust.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P312 - IF SWALLOWED: Call doctor, a POISON CENTER if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER.
P308+P311 - IF exposed or concerned: Call doctor.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P312 - Call doctor, a POISON CENTER if you feel unwell.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122 °F.

## 2.3. Other hazards

No additional information available

# 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] |
|---|---|---|---|
| Deionized water | (CAS-No.) 7732-18-5<br>(EC-No.) 231-791-2 | 60 – 80 | Not classified |
| Petroleum gases, liquefied; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately– 40°C to 80°C (– 40°F to 176°F).] (Note K)(Note S)(Note U) | (CAS-No.) 68476-85-7<br>(EC-No.) 270-704-2<br>(EC Index-No.) 649-202-00-6 | < 20 | Press. Gas<br>Flam. Gas 1, H220<br>Carc. 1A, H350<br>Muta. 1B, H340 |
| methanol | (CAS-No.) 67-56-1<br>(EC-No.) 200-659-6<br>(EC Index-No.) 603-001-00-X | 8 – 17 | Flam. Liq. 2, H225<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Oral), H301<br>STOT SE 1, H370 |
| Hexyl D-glucoside | (CAS-No.) 54549-24-5<br>(EC-No.) 259-217-6 | 2 – 9 | Eye Dam. 1, H318 |
| 2-ethylhexanol, ethoxylated | (EC-No.) 933-195-4 | 3 – 8 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318 |

| Specific concentration limits: | | |
|---|---|---|
| **Name** | **Product identifier** | **Specific concentration limits** |
| methanol | (CAS-No.) 67-56-1<br>(EC-No.) 200-659-6<br>(EC Index-No.) 603-001-00-X | ( 3 ≤C < 10) STOT SE 2, H371<br>( 10 ≤C ≤ 100) STOT SE 1, H370 |

Note K : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 (Table 3.1) or the S-phrases (2-)9-16 (Table 3.2) should apply. This note applies only to certain complex oil-derived substances in Part 3.
Note S : This substance may not require a label according to Article 17 (see section 1.3 of Annex I) (Table 3.1). This substance may not require a label according to Article 23 of Directive 67/548/EEC (see section 8 of Annex VI to that Directive) (Table 3.2).
Note U (Table 3): When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.
Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.
Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. 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 eye contact : Serious damage to eyes.

### 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 water jet as it may cause spread. |

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

| | | |
|---|---|---|
| Fire hazard | : | Extremely flammable aerosol. |
| Explosion hazard | : | Pressurised container: May burst if heated. |
| 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

| | | |
|---|---|---|
| Emergency procedures | : | No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapours/spray. |

#### 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 | : | Mechanically recover the product. Notify authorities if product enters sewers or public waters. |
| 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. |

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. 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 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| methanol (67-56-1) | |
|---|---|
| **EU - Occupational Exposure Limits** | |
| Local name | Methanol |
| IOELV TWA (mg/m³) | 260 mg/m³ |
| IOELV TWA (ppm) | 200 ppm |
| Notes | Skin |
| Regulatory reference | COMMISSION DIRECTIVE 2006/15/EC |
| **Turkey - Occupational Exposure Limits** | |
| Local name | Metanol |
| OEL TWA (mg/m³) | 260 mg/m³ |
| OEL TWA (ppm) | 200 ppm |
| Comments | Deri |
| Regulatory reference | 12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete |

### 8.2. Exposure controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

| **Eye protection:** |
|---|
| Safety glasses |

| **Skin and body protection:** |
|---|
| Wear suitable protective clothing |

| **Respiratory protection:** |
|---|
| [In case of inadequate ventilation] wear respiratory protection. |

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

**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 |
| Appearance | : | Aerosol Foam. |
| Colour | : | White. |
| Odour | : | Characteristic. |
| Odour threshold | : | No data available |
| pH | : | 9 – 10 |
| Relative evaporation rate (butylacetate=1) | : | No data available |
| Melting point | : | Not applicable |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | Extremely flammable aerosol. |
| Vapour pressure | : | No data available |
| Relative vapour density at 20 °C | : | No data available |
| Relative density | : | No data available |
| Density | : | 0.65 – 0.75 g/cm³ |
| Solubility | : | No data available |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | Pressurised container: May burst if heated. |
| 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

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 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

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

### 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 toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Harmful if swallowed. |

Acute toxicity (dermal) : Harmful in contact with skin.
Acute toxicity (inhalation) : Harmful if inhaled.

| ALCON DIESEL PARTICULATE FILTER CLEANER SPRAY | |
|---|---|
| ATE CLP (oral) | 537.634 mg/kg bodyweight |
| ATE CLP (dermal) | 1764.706 mg/kg bodyweight |
| ATE CLP (dust,mist) | 2.941 mg/l/4h |

| methanol (67-56-1) | |
|---|---|
| LD50 oral rat | 1187 – 2769 mg/kg bodyweight Animal: rat |

| (54549-24-5) | |
|---|---|
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

Skin corrosion/irritation : Not classified
pH: 9 – 10
Serious eye damage/irritation : Causes serious eye damage.
pH: 9 – 10
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : May cause genetic defects.
Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified

| methanol (67-56-1) | |
|---|---|
| NOAEL (animal/male, F0/P) | < 1000 mg/kg bodyweight Animal: mouse, Animal sex: male |

STOT-single exposure : Causes damage to organs.

STOT-repeated exposure : Not classified

| (54549-24-5) | |
|---|---|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |

Aspiration hazard : Not classified

| ALCON DIESEL PARTICULATE FILTER CLEANER SPRAY | |
|---|---|
| Vaporizer | Aerosol |

## 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) : Not classified
Not rapidly degradable

| methanol (67-56-1) | |
|---|---|
| LC50 fish 1 | 15400 mg/l Test organisms (species): Lepomis macrochirus |
| EC50 96h algae (1) | ≈ 22000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic) | 208 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| (54549-24-5) | |
|---|---|
| LC50 fish 1 | 420 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 Daphnia 1 | 490 mg/l Test organisms (species): Daphnia magna |

### 12.2. Persistence and degradability

No additional information available

### 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. 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.

## SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number** | | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| **14.2. UN proper shipping name** | | | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable | AEROSOLS | AEROSOLS |
| **Transport document description** | | | | |
| UN 1950 AEROSOLS, 2.1, (D) | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 | UN 1950 AEROSOLS, 2.1 | UN 1950 AEROSOLS, 2.1 |
| **14.3. Transport hazard class(es)** | | | | |
| 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| | | | | |

| 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<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**

| | | |
|---|---|---|
| Classification code (ADR) | : | 5F |
| Special provisions (ADR) | : | 190, 327, 344, 625 |
| Limited quantities (ADR) | : | 1l |
| Excepted quantities (ADR) | : | E0 |
| Packing instructions (ADR) | : | P207, LP200 |
| Special packing provisions (ADR) | : | PP87, RR6, L2 |
| Mixed packing provisions (ADR) | : | MP9 |
| Transport category (ADR) | : | 2 |
| Special provisions for carriage - Packages (ADR) | : | V14 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : | CV9, CV12 |
| Special provisions for carriage - Operation (ADR) | : | S2 |
| Tunnel restriction code (ADR) | : | D |

**Transport by sea**

| | | |
|---|---|---|
| Special provisions (IMDG) | : | 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG) | : | P207, LP200 |
| Special packing provisions (IMDG) | : | PP87, L2 |
| EmS-No. (Fire) | : | F-D |
| EmS-No. (Spillage) | : | S-U |
| Stowage category (IMDG) | : | None |
| Stowage and handling (IMDG) | : | SW1, SW22 |
| Segregation (IMDG) | : | SG69 |

**Air transport**

| | | |
|---|---|---|
| PCA Excepted quantities (IATA) | : | E0 |
| PCA Limited quantities (IATA) | : | Y203 |
| PCA limited quantity max net quantity (IATA) | : | 30kgG |
| PCA packing instructions (IATA) | : | 203 |
| PCA max net quantity (IATA) | : | 75kg |
| CAO packing instructions (IATA) | : | 203 |
| CAO max net quantity (IATA) | : | 150kg |
| Special provisions (IATA) | : | A145, A167, A802 |
| ERG code (IATA) | : | 10L |

**Inland waterway transport**

| | | |
|---|---|---|
| Classification code (ADN) | : | 5F |
| Special provisions (ADN) | : | 190, 327, 344, 625 |
| Limited quantities (ADN) | : | 1 L |
| Excepted quantities (ADN) | : | E0 |
| Equipment required (ADN) | : | PP, EX, A |
| Ventilation (ADN) | : | VE01, VE04 |
| Number of blue cones/lights (ADN) | : | 1 |

**Rail transport**

| | | |
|---|---|---|
| Classification code (RID) | : | 5F |
| Special provisions (RID) | : | 190, 327, 344, 625 |
| Limited quantities (RID) | : | 1L |
| Excepted quantities (RID) | : | E0 |
| Packing instructions (RID) | : | P207, LP200 |
| Special packing provisions (RID) | : | PP87, RR6, L2 |
| Mixed packing provisions (RID) | : | MP9 |
| Transport category (RID) | : | 2 |

| | | |
|---|---|---|
| Special provisions for carriage – Packages (RID) | : | W14 |
| Special provisions for carriage - Loading, unloading and handling (RID) | : | CW9, CW12 |
| Colis express (express parcels) (RID) | : | CE2 |
| Hazard identification number (RID) | : | 23 |

### 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**

| | | |
|---|---|---|
| Employment restrictions | : | Observe restrictions according Act on the Protection of Working Mothers (MuSchG)<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG) |
| Water hazard class (WGK) | : | WGK 3, Highly 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**

| | | |
|---|---|---|
| SZW-lijst van kankerverwekkende stoffen | : | Petroleum gases, liquefied; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately–40°C to 80°C (– 40°F to 176°F).] is listed |
| SZW-lijst van mutagene stoffen | : | Petroleum gases, liquefied; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately–40°C to 80°C (– 40°F to 176°F).] is listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding | : | None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid | : | None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling | : | 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<br>Pregnant/breastfeeding women working with the product must not be in direct contact with the product<br>The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| 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 |
| BLV | Biological limit value |
| CAS-No. | Chemical Abstract Service number |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Median effective concentration |
| EC-No. | European Community number |
| EN | European Standard |
| 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 |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| vPvB | Very Persistent and Very Bioaccumulative |
| WGK | Water Hazard Class |

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.

| **Full text of H- and EUH-statements:** | |
|---|---|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Carc. 1A | Carcinogenicity, Category 1A |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Muta. 1B | Germ cell mutagenicity, Category 1B |
| Press. Gas | Gases under pressure |

| | |
|---|---|
| STOT SE 1 | Specific target organ toxicity — single exposure, Category 1 |
| STOT SE 2 | Specific target organ toxicity — Single exposure, Category 2 |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H340 | May cause genetic defects. |
| H350 | May cause cancer. |
| H370 | Causes damage to organs. |
| H371 | May cause damage to organs. |

SDS EU (REACH Annex II)

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