

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Seflow Degreaser

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

##### Relevant identified uses

Use of the substance/mixture : Cleaning Agent/Cleaner.

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

##### Supplier

Automotive Paint Systems Ltd  
Tonge Bridge Industrial Estate  
Tonge Bridge Way  
Bolton  
United Kingdom  
T +44 (0) 1204 393 332  
[automotivepaintsystem@yahoo.com](mailto:automotivepaintsystem@yahoo.com)

##### Supplier information

Leading Solvents  
Automotive Paint Systems Ltd  
Tonge Bridge Industrial Estate  
Tonge Bridge Way  
Bolton  
United Kingdom  
T +44 (0) 1204 393 332

#### 1.4. Emergency telephone number

| Country/Area   | Organisation/Company      | Address | Emergency number | Comment          |
|----------------|---------------------------|---------|------------------|------------------|
| United Kingdom | NHS 111/NHS 24/NHS Direct |         | 111<br>0845 4647 | or call a doctor |

### SECTION 2: Hazards identification

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

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

Flammable liquids, Category 2 H225  
Specific target organ toxicity – Single exposure, Category 3, H336  
Narcosis  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment – Chronic Hazard, H411  
Category 2

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

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

Highly flammable liquid and vapour. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

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### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements (CLP)

: H225 - Highly flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 - Use explosion-proof ventilating, lighting, electrical equipment.

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

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

P302+P352 - IF ON SKIN: Wash with plenty of water.

P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  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 substance(s) are 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

### 3.2. Mixtures

| Name                                                                 | Product identifier                              | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP]                       |
|----------------------------------------------------------------------|-------------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                  | EC-No.: 920-750-0<br>REACH-no: 01-2119473851-33 | $\geq 70 - < 90$ | Flam. Liq. 2, H225<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | EC-No.: 919-857-5<br>REACH-no: 01-2119463258-33 | $\geq 20 - < 30$ | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>EUH066                  |

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

: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion

: Call a poison center or a doctor if you feel unwell.

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

|                                     |                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects after inhalation   | : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).                                       |
| Symptoms/effects after skin contact | : Causes skin irritation. irritation (itching, redness, blistering). Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact  | : redness, itching, tears. Causes eye irritation. stinging.                                                                |
| Symptoms/effects after ingestion    | : Ingestion may cause nausea and vomiting. May be harmful if swallowed. May cause irritation to the digestive tract.       |

### 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

|                                                  |                                       |
|--------------------------------------------------|---------------------------------------|
| Fire hazard                                      | : Highly flammable liquid and vapour. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.        |

### 5.3. Advice for firefighters

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary measures fire    | : Evacuate area.                                                                                                                         |
| 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

|                  |                                                                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Stop leak if safe to do so. |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

#### For non-emergency personnel

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. |
|----------------------|---------------------------------------------------------------------------------------------------------|

#### 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

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.                                                                                                                 |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Absorb remaining liquid with sand or inert absorbent and remove to safe place. 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.

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### 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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.
- Hygiene measures : 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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.
- Storage area : Store away from heat.
- Special rules on packaging : Keep only in original container.
- Packaging materials : Keep only in the original container in a cool, well-ventilated place away from combustible materials.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

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



##### Eye and face protection

##### Eye protection:

Safety glasses

##### Eye protection

| Type                           | Field of application | Characteristics   | Standard |
|--------------------------------|----------------------|-------------------|----------|
| Safety glasses, Safety goggles | Dust, Fine dust      | With side shields | EN 166   |

##### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

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| Hand protection   |                                                             |                   |                |             |          |
|-------------------|-------------------------------------------------------------|-------------------|----------------|-------------|----------|
| Type              | Material                                                    | Permeation        | Thickness (mm) | Penetration | Standard |
| Disposable gloves | Nitrile rubber (NBR), Butyl rubber, Polyvinylchloride (PVC) | 5 (> 240 minutes) | 0.44           |             | EN 374-2 |

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

| Respiratory protection |             |                                                    |                  |
|------------------------|-------------|----------------------------------------------------|------------------|
| Device                 | Filter type | Condition                                          | Standard         |
| Aerosol mask           | ABEK        | Vapour protection, Protection for Liquid particles | EN 14387, EN 143 |

### 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                                          | : Colourless.        |
| Odour                                           | : mild. Hydrocarbon. |
| Odour threshold                                 | : Not available      |
| Melting point                                   | : Not applicable     |
| Freezing point                                  | : Not available      |
| Boiling point                                   | : 138 – 175 °C       |
| Flammability                                    | : Not applicable     |
| Oxidising properties                            | : Not oxidising.     |
| Lower explosion limit                           | : 0.6 vol %          |
| Upper explosion limit                           | : 7 vol %            |
| Flash point                                     | : 2 °C               |
| Auto-ignition temperature                       | : 240 °C             |
| Decomposition temperature                       | : Not available      |
| pH                                              | : 7                  |
| Viscosity, kinematic                            | : ≤ 20.5 mm²/s       |
| Solubility                                      | : Slightly soluble.  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available      |
| Vapour pressure                                 | : 5 hPa @ 20°C       |
| Vapour pressure at 50°C                         | : Not available      |
| Density                                         | : 0.743              |
| Relative density                                | : Not available      |
| Relative vapour density at 20°C                 | : Not available      |
| Particle characteristics                        | : Not applicable     |

### 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.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Oxidizing agent. Strong acids.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes.

## 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

#### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

|                       |            |
|-----------------------|------------|
| LD50 oral rat         | 5841 mg/kg |
| LD50 dermal rat       | 2920 mg/kg |
| LC50 Inhalation - Rat | 23.3 mg/l  |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | > 5000 mg/kg |
| LD50 dermal rabbit    | > 5000 mg/kg |
| LC50 Inhalation - Rat | > 5 mg/l/4h  |

Skin corrosion/irritation : Not classified  
pH: 7

#### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

|    |     |
|----|-----|
| pH | 4.5 |
|----|-----|

Serious eye damage/irritation : Not classified  
pH: 7

#### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

|    |     |
|----|-----|
| pH | 4.5 |
|----|-----|

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : May cause drowsiness or dizziness.

#### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : Not classified

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| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| LOAEC (inhalation, rat, vapour, 90 days)            | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |
| NOAEC (inhalation, rat, vapour, 90 days)            | 2355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |

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

| Silicone Remover                                                     |                         |
|----------------------------------------------------------------------|-------------------------|
| Viscosity, kinematic                                                 | ≤ 20.5 mm²/s            |
| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                  |                         |
| Viscosity, kinematic                                                 | 0.69 mm²/s              |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics |                         |
| Viscosity, kinematic                                                 | 0.8 – 2.1 mm²/s (20 °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 (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                  |                                                                                                                                          |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                                                      | > 3 mg/l                                                                                                                                 |
| EC50 - Other aquatic organisms [1]                                   | 4.6 mg/l waterflea                                                                                                                       |
| EC50 - Other aquatic organisms [2]                                   | 10 mg/l                                                                                                                                  |
| EC50 72h - Algae [1]                                                 | 32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]                                                 | 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics |                                                                                                                                          |
| LC50 - Fish [1]                                                      | > 1000 mg/l (Oncorhynchus mykiss (rainbow trout); 96 h)                                                                                  |
| EC50 - Crustacea [1]                                                 | 1000 mg/l (Daphnia magna (Water flea); 48 h)                                                                                             |
| EC50 72h - Algae [1]                                                 | > 1000 mg/l (Pseudokirchneriella subcapitata (green algae))                                                                              |
| NOEC chronic algae                                                   | 100 mg/l                                                                                                                                 |

### 12.2. Persistence and degradability

| Silicone Remover                                    |                        |
|-----------------------------------------------------|------------------------|
| Persistence and degradability                       | Not rapidly degradable |
| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |                        |
| Persistence and degradability                       | Not rapidly degradable |

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### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
| Biodegradation                | 80 %                   |

### 12.3. Bioaccumulative potential

### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

|                                                 |      |
|-------------------------------------------------|------|
| Partition coefficient n-octanol/water (Log Pow) | 4.85 |
|-------------------------------------------------|------|

### 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 | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Additional information  | : Flammable vapours may accumulate in the container.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| HP Code                 | : HP3 - "Flammable:" <ul style="list-style-type: none"><li>– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point &gt; 55 °C and ≤ 75 °C;</li><li>– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;</li><li>– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;</li><li>– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;</li><li>– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;</li><li>– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.</li></ul> |
|                         | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                         | HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## SECTION 14: Transport information

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

| ADR                                 | IMDG    | IATA    | ADN     | RID     |
|-------------------------------------|---------|---------|---------|---------|
| <b>14.1. UN number or ID number</b> |         |         |         |         |
| UN 3295                             | UN 3295 | UN 3295 | UN 3295 | UN 3295 |



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| ADR                                                                                                             | IMDG                                                                                                                       | IATA                                                                                                  | ADN                                                                                                      | RID                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>14.2. UN proper shipping name</b>                                                                            |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |
| HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes)                                                           | HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes)                                                                      | Hydrocarbons, liquid, n.o.s.<br>(C6-C7,n-alkanes)                                                     | HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes)                                                    | HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes)                                                    |
| <b>Transport document description</b>                                                                           |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |
| UN 3295<br>HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes), 3, II, (D/E),<br>ENVIRONMENTALLY<br>HAZARDOUS | UN 3295<br>HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes), 3, II, MARINE<br>POLLUTANT/ENVIRONME<br>NTALLY HAZARDOUS | UN 3295 Hydrocarbons,<br>liquid, n.o.s. (C6-C7,n-<br>alkanes), 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS | UN 3295<br>HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes), 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS | UN 3295<br>HYDROCARBONS,<br>LIQUID, N.O.S. (C6-C7,n-<br>alkanes), 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS |
| <b>14.3. Transport hazard class(es)</b>                                                                         |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |
| 3                                                                                                               | 3                                                                                                                          | 3                                                                                                     | 3                                                                                                        | 3                                                                                                        |
|                                                                                                                 |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |
| <b>14.4. Packing group</b>                                                                                      |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |
| II                                                                                                              | II                                                                                                                         | II                                                                                                    | II                                                                                                       | II                                                                                                       |
| <b>14.5. Environmental hazards</b>                                                                              |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |
| Dangerous for the<br>environment: Yes                                                                           | Dangerous for the<br>environment: Yes<br>Marine pollutant: Yes<br>EmS-No. (Fire): F-E<br>EmS-No. (Spillage): S-D           | Dangerous for the<br>environment: Yes                                                                 | Dangerous for the<br>environment: Yes                                                                    | Dangerous for the<br>environment: Yes                                                                    |
| No supplementary information available                                                                          |                                                                                                                            |                                                                                                       |                                                                                                          |                                                                                                          |

## 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 640C  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T7  
Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28  
Tank code (ADR) : L1.5BN  
Vehicle for tank carriage : FL  
Transport category (ADR) : 2  
Special provisions for carriage - Operation (ADR) : S2, S20  
Hazard identification number (Kemler No.) : 33  
Orange plates :



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

### Transport by sea

Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2

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|                                    |                          |
|------------------------------------|--------------------------|
| Packing instructions (IMDG)        | : P001                   |
| IBC packing instructions (IMDG)    | : IBC02                  |
| Tank instructions (IMDG)           | : T7                     |
| Tank special provisions (IMDG)     | : TP1, TP8, TP28         |
| Stowage category (IMDG)            | : B                      |
| Properties and observations (IMDG) | : Immiscible with water. |

### Air transport

|                                              |            |
|----------------------------------------------|------------|
| PCA Excepted quantities (IATA)               | : E2       |
| PCA Limited quantities (IATA)                | : Y341     |
| PCA limited quantity max net quantity (IATA) | : 1L       |
| PCA packing instructions (IATA)              | : 353      |
| PCA max net quantity (IATA)                  | : 5L       |
| CAO packing instructions (IATA)              | : 364      |
| CAO max net quantity (IATA)                  | : 60L      |
| Special provisions (IATA)                    | : A3, A324 |
| ERG code (IATA)                              | : 3H       |

### Inland waterway transport

|                                   |             |
|-----------------------------------|-------------|
| Classification code (ADN)         | : F1        |
| Special provisions (ADN)          | : 640C      |
| Limited quantities (ADN)          | : 1 L       |
| Excepted quantities (ADN)         | : E2        |
| Carriage permitted (ADN)          | : T         |
| Equipment required (ADN)          | : PP, EX, A |
| Ventilation (ADN)                 | : VE01      |
| Number of blue cones/lights (ADN) | : 1         |

### Rail transport

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| Classification code (RID)                                 | : F1             |
| Special provisions (RID)                                  | : 640C           |
| Limited quantities (RID)                                  | : 1L             |
| Excepted quantities (RID)                                 | : E2             |
| Packing instructions (RID)                                | : P001           |
| Mixed packing provisions (RID)                            | : MP19           |
| Portable tank and bulk container instructions (RID)       | : T7             |
| Portable tank and bulk container special provisions (RID) | : TP1, TP8, TP28 |
| Tank codes for RID tanks (RID)                            | : L1.5BN         |
| Transport category (RID)                                  | : 2              |
| Colis express (express parcels) (RID)                     | : CE7            |
| Hazard identification number (RID)                        | : 33             |

### 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

#### 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

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### 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)

### Council Regulation (EC) for the control of dual-use items

Contains substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### 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)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Indication of changes |                                     |                                            |
|-----------------------|-------------------------------------|--------------------------------------------|
| Section               | Changed item                        | Comments                                   |
| 1.3                   | Display additional SDS EU addresses | <b>Added</b>                               |
| 1.4                   | Additional information              | <b>Added</b><br>NHS 111 & EU Poison Centre |

| 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                                                            |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| 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 disruptor                                                          |

| Full text of H- and EUH-statements: |                                                                        |
|-------------------------------------|------------------------------------------------------------------------|
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2      |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                          |
| EUH066                              | Repeated exposure may cause skin dryness or cracking.                  |
| Flam. Liq. 2                        | Flammable liquids, Category 2                                          |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                          |
| H225                                | Highly flammable liquid and vapour.                                    |
| H226                                | Flammable liquid and vapour.                                           |
| H304                                | May be fatal if swallowed and enters airways.                          |
| H336                                | May cause drowsiness or dizziness.                                     |
| H411                                | Toxic to aquatic life with long lasting effects.                       |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

The classification complies with : ATP 12

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.