



## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** AT - Cutting oil  
2300
- Other means of identification:**  
Not relevant
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Cutting oil  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
AT-Tuote Oy  
PL 37  
FI-04131 Sipoo - Finland  
Phone: +358 9 274 5500  
info@attuote.fi  
www.attuote.fi
- 1.4 Emergency telephone number:** General emergency number: 112, Poison Information Centre HUS: 09-471977 (Finland)

## SECTION 2: HAZARDS IDENTIFICATION \*\*

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Aerosol 1: Pressurised container: May burst if heated., H229  
Aerosol 1: Flammable aerosols, Category 1, H222  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412  
Lact.: Reproductive toxicity, effects on or via lactation, H362
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Danger**
- 
- Hazard statements:**  
Aerosol 1: H229 - Pressurised container: May burst if heated.  
Aerosol 1: H222 - Extremely flammable aerosol.  
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.  
Lact.: H362 - May cause harm to breast-fed children.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
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.  
P264: Wash thoroughly after handling.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F  
P501: Dispose of contents/container according to the separated collection system used in your municipality.
- Substances that contribute to the classification**  
Alkanes, C14-17, chloro
- UFI:** 3GC6-K00U-200P-864J
- 2.3 Other hazards:**  
Product contains PBT/vPvB substances: Alkanes, C14-17, chloro  
Endocrine-disrupting properties: The product does not meet the criteria.

\*\* Changes with regards to the previous version



## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance:

Non-applicable

### 3.2 Mixture:

**Chemical description:** Aerosol

#### Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification                                                                          | Chemical name/Classification                                   |                                                                               | Concentration        |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------|
| CAS: 106-97-8<br>EC: 203-448-7<br>Index: 601-004-00-0<br>REACH: 01-2119474691-32-XXXX   | <b>Butaani, ei sisällä 1,3-butadieeniä 0,1 %<sup>(1)</sup></b> | ATP CLP00                                                                     | <b>25 - &lt;50 %</b> |
|                                                                                         | Regulation 1272/2008                                           | Flam. Gas 1A: H220; Press. Gas: H280 - Danger                                 |                      |
| CAS: 74-98-6<br>EC: 200-827-9<br>Index: 601-003-00-5<br>REACH: 01-2119486944-21-XXXX    | <b>Propane<sup>(1)</sup></b>                                   | ATP CLP00                                                                     | <b>10 - &lt;25 %</b> |
|                                                                                         | Regulation 1272/2008                                           | Flam. Gas 1A: H220; Press. Gas: H280 - Danger                                 |                      |
| CAS: 85535-85-9<br>EC: 287-477-0<br>Index: 602-095-00-X<br>REACH: 01-2119519269-33-XXXX | <b>Alkanes, C14-17, chloro<sup>(2)</sup></b>                   | ATP ATP01                                                                     | <b>1 - &lt;2,5 %</b> |
|                                                                                         | Regulation 1272/2008                                           | Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Lact.: H362; EUH066 - Warning |                      |

<sup>(1)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

#### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

#### By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS for the product.

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

Acute and delayed effects are indicated in sections 2 and 11.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

#### Suitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

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## SECTION 5: FIREFIGHTING MEASURES (continued)

### Unsuitable extinguishing media:

Water jet

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

#### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

### 6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

#### B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

#### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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

#### A.- Specific storage requirements

Minimum Temp.: 5 °C

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## SECTION 7: HANDLING AND STORAGE (continued)

Maximum Temp.: 30 °C  
Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product

#### DNEL (Workers):

| Identification                                              |            | Short exposure |              | Long exposure         |              |
|-------------------------------------------------------------|------------|----------------|--------------|-----------------------|--------------|
|                                                             |            | Systemic       | Local        | Systemic              | Local        |
| Alkanes, C14-17, chloro<br>CAS: 85535-85-9<br>EC: 287-477-0 | Oral       | Not relevant   | Not relevant | Not relevant          | Not relevant |
|                                                             | Dermal     | Not relevant   | Not relevant | 47,9 mg/kg            | Not relevant |
|                                                             | Inhalation | Not relevant   | Not relevant | 6,7 mg/m <sup>3</sup> | Not relevant |

#### DNEL (General population):

| Identification                                              |            | Short exposure |              | Long exposure       |              |
|-------------------------------------------------------------|------------|----------------|--------------|---------------------|--------------|
|                                                             |            | Systemic       | Local        | Systemic            | Local        |
| Alkanes, C14-17, chloro<br>CAS: 85535-85-9<br>EC: 287-477-0 | Oral       | Not relevant   | Not relevant | 0,58 mg/kg          | Not relevant |
|                                                             | Dermal     | Not relevant   | Not relevant | 28,75 mg/kg         | Not relevant |
|                                                             | Inhalation | Not relevant   | Not relevant | 2 mg/m <sup>3</sup> | Not relevant |

#### PNEC:

| Identification                                              |              |              |                         |             |  |
|-------------------------------------------------------------|--------------|--------------|-------------------------|-------------|--|
| Alkanes, C14-17, chloro<br>CAS: 85535-85-9<br>EC: 287-477-0 | STP          | 80 mg/L      | Fresh water             | 0,001 mg/L  |  |
|                                                             | Soil         | 11,9 mg/kg   | Marine water            | 0,0002 mg/L |  |
|                                                             | Intermittent | Not relevant | Sediment (Fresh water)  | 13 mg/kg    |  |
|                                                             | Oral         | 0,01 g/kg    | Sediment (Marine water) | 2,6 mg/kg   |  |

### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Not relevant

D.- Eye and face protection

Not relevant

E.- Body protection

Not relevant

F.- Additional emergency measures

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Emergency measure                                                                                     | Standards                                       | Emergency measure                                                                                      | Standards                                      |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |              |
|---------------------------|--------------|
| V.O.C. (Supply):          | 50 % weight  |
| V.O.C. density at 20 °C:  | Not relevant |
| Average carbon number:    | Not relevant |
| Average molecular weight: | Not relevant |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

For complete information see the product datasheet.

#### Appearance:

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| Physical state at 20 °C: | Aerosol                                                                                   |
| Appearance:              | Fluid                                                                                     |
| Colour:                  |  Beige |
| Odour:                   | Characteristic                                                                            |
| Odour threshold:         | Not relevant *                                                                            |

#### Volatility:

|                                        |                      |
|----------------------------------------|----------------------|
| Boiling point at atmospheric pressure: | -42 °C (Propellant)  |
| Vapour pressure at 20 °C:              | Not relevant *       |
| Vapour pressure at 50 °C:              | <300000 Pa (300 kPa) |
| Evaporation rate at 20 °C:             | Not relevant *       |

#### Product description:

|                                              |                     |
|----------------------------------------------|---------------------|
| Density at 20 °C:                            | Not relevant *      |
| Relative density at 20 °C:                   | Not relevant *      |
| Dynamic viscosity at 20 °C:                  | Not relevant *      |
| Kinematic viscosity at 20 °C:                | Not relevant *      |
| Kinematic viscosity at 40 °C:                | Not relevant *      |
| Concentration:                               | Not relevant *      |
| pH:                                          | Not relevant *      |
| Vapour density at 20 °C:                     | Not relevant *      |
| Partition coefficient n-octanol/water 20 °C: | Not relevant *      |
| Solubility in water at 20 °C:                | Not relevant *      |
| Solubility properties:                       | Not relevant *      |
| Decomposition temperature:                   | Not relevant *      |
| Melting point/freezing point:                | Not relevant *      |
| Recipient pressure:                          | 379969 Pa (3,8 bar) |

#### Flammability:

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

|                            |                     |
|----------------------------|---------------------|
| Flash Point:               | Non-applicable      |
| Flammability (solid, gas): | Not relevant *      |
| Autoignition temperature:  | 410 °C (Propellant) |
| Lower flammability limit:  | Not relevant *      |
| Upper flammability limit:  | Not relevant *      |

### Particle characteristics:

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

## 9.2 Other information:

### Information with regard to physical hazard classes:

|                                                              |                |
|--------------------------------------------------------------|----------------|
| Explosive properties:                                        | Not relevant * |
| Oxidising properties:                                        | Not relevant * |
| Corrosive to metals:                                         | Not relevant * |
| Heat of combustion:                                          | Not relevant * |
| Aerosols-total percentage (by mass) of flammable components: | Not relevant * |

### Other safety characteristics:

|                           |                |
|---------------------------|----------------|
| Surface tension at 20 °C: | Not relevant * |
| Refraction index:         | Not relevant * |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight            | Humidity       |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable     | Not applicable   | Risk of combustion      | Avoid direct impact | Not applicable |

### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
  - Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Alkanes, C14-17, chloro (2B); Distillates (petroleum), hydrotreated heavy naphthenic , < 3 % IP 346 (3)
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Reproductive toxicity: May cause harm to breast-fed children
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) - single exposure:
 

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- H- Aspiration hazard:
 

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

### Other information:

Not relevant

### Specific toxicology information on the substances:

| Identification                                                             | Acute toxicity  |                | Genus |
|----------------------------------------------------------------------------|-----------------|----------------|-------|
| Propane<br>CAS: 74-98-6<br>EC: 200-827-9                                   | LD50 oral       | >2000 mg/kg    |       |
|                                                                            | LD50 dermal     | >2000 mg/kg    |       |
|                                                                            | LC50 inhalation | >5 mg/L        |       |
| Butaani, ei sisällä 1,3-butadieniä 0,1 %<br>CAS: 106-97-8<br>EC: 203-448-7 | LD50 oral       | >2000 mg/kg    |       |
|                                                                            | LD50 dermal     | >2000 mg/kg    |       |
|                                                                            | LC50 inhalation | 658 mg/L (4 h) | Rat   |
| Alkanes, C14-17, chloro<br>CAS: 85535-85-9<br>EC: 287-477-0                | LD50 oral       | >2000 mg/kg    |       |
|                                                                            | LD50 dermal     | >2000 mg/kg    |       |
|                                                                            | LC50 inhalation | >20 mg/L       |       |

### 11.2 Information on other hazards:

#### Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

### Other information

Not relevant

## SECTION 12: ECOLOGICAL INFORMATION \*\*

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

### 12.1 Toxicity:

#### Acute toxicity:

| Identification                                              | Concentration | Species              | Genus      |
|-------------------------------------------------------------|---------------|----------------------|------------|
| Alkanes, C14-17, chloro<br>CAS: 85535-85-9<br>EC: 287-477-0 | LC50          | >0.1 - 1 mg/L (96 h) | Fish       |
|                                                             | EC50          | >0.1 - 1 mg/L (48 h) | Crustacean |
|                                                             | EC50          | >0.1 - 1 mg/L (72 h) | Algae      |

### 12.2 Persistence and degradability:

Not available

### 12.3 Bioaccumulative potential:

#### Substance-specific information:

| Identification                                                              | Bioaccumulation potential |          |
|-----------------------------------------------------------------------------|---------------------------|----------|
| Butaani, ei sisällä 1,3-butadieeniä 0,1 %<br>CAS: 106-97-8<br>EC: 203-448-7 | BCF                       | 33       |
|                                                                             | Pow Log                   | 2.89     |
|                                                                             | Potential                 | Moderate |
| Propane<br>CAS: 74-98-6<br>EC: 200-827-9                                    | BCF                       | 13       |
|                                                                             | Pow Log                   | 2.86     |
|                                                                             | Potential                 | Low      |

### 12.4 Mobility in soil:

| Identification                                                              | Absorption/desorption |                      | Volatility |                                 |
|-----------------------------------------------------------------------------|-----------------------|----------------------|------------|---------------------------------|
| Butaani, ei sisällä 1,3-butadieeniä 0,1 %<br>CAS: 106-97-8<br>EC: 203-448-7 | Koc                   | 900                  | Henry      | 96258,75 Pa·m <sup>3</sup> /mol |
|                                                                             | Conclusion            | Low                  | Dry soil   | Yes                             |
|                                                                             | Surface tension       | 1,187E-2 N/m (25 °C) | Moist soil | Yes                             |
| Propane<br>CAS: 74-98-6<br>EC: 200-827-9                                    | Koc                   | 460                  | Henry      | 71636,78 Pa·m <sup>3</sup> /mol |
|                                                                             | Conclusion            | Moderate             | Dry soil   | Yes                             |
|                                                                             | Surface tension       | 7,02E-3 N/m (25 °C)  | Moist soil | Yes                             |

### 12.5 Results of PBT and vPvB assessment:

Product contains PBT/vPvB substances: Alkanes, C14-17, chloro

### 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

### 12.7 Other adverse effects:

Not described

\*\* Changes with regards to the previous version

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

| Code      | Description                                                                     | Waste class (Regulation (EU) No 1357/2014) |
|-----------|---------------------------------------------------------------------------------|--------------------------------------------|
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances | Hazardous                                  |

#### Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP3 Flammable

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## SECTION 13: DISPOSAL CONSIDERATIONS (continued)

### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

## SECTION 14: TRANSPORT INFORMATION

### Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:



- |                                                                      |                    |
|----------------------------------------------------------------------|--------------------|
| <b>14.1 UN number or ID number:</b>                                  | UN1950             |
| <b>14.2 UN proper shipping name:</b>                                 | AEROSOLS           |
| <b>14.3 Transport hazard class(es):</b>                              | 2                  |
| Labels:                                                              | 2.1                |
| <b>14.4 Packing group:</b>                                           | N/A                |
| <b>14.5 Environmental hazards:</b>                                   | No                 |
| <b>14.6 Special precautions for user</b>                             |                    |
| Special regulations:                                                 | 190, 327, 344, 625 |
| Tunnel restriction code:                                             | D                  |
| Physico-Chemical properties:                                         | see section 9      |
| Limited quantities:                                                  | 1 L                |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant       |

### Transport of dangerous goods by sea:

With regard to IMDG 41-22:



- |                                                                      |                             |
|----------------------------------------------------------------------|-----------------------------|
| <b>14.1 UN number or ID number:</b>                                  | UN1950                      |
| <b>14.2 UN proper shipping name:</b>                                 | AEROSOLS                    |
| <b>14.3 Transport hazard class(es):</b>                              | 2                           |
| Labels:                                                              | 2.1                         |
| <b>14.4 Packing group:</b>                                           | N/A                         |
| <b>14.5 Marine pollutant:</b>                                        | No                          |
| <b>14.6 Special precautions for user</b>                             |                             |
| Special regulations:                                                 | 63, 959, 190, 277, 327, 344 |
| EmS Codes:                                                           | F-D, S-U                    |
| Physico-Chemical properties:                                         | see section 9               |
| Limited quantities:                                                  | 1 L                         |
| Segregation group:                                                   | Not relevant                |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant                |

### Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

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**SECTION 14: TRANSPORT INFORMATION (continued)**



- 14.1 UN number or ID number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS  
**14.3 Transport hazard class(es):** 2  
 Labels: 2.1  
**14.4 Packing group:** N/A  
**14.5 Environmental hazards:** No  
**14.6 Special precautions for user**  
 Physico-Chemical properties: see section 9  
**14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): *Alkanes, C14-17, chloro (85535-85-9)*
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

**Seveso III:**

| Section | Description        | Lower-tier requirements | Upper-tier requirements |
|---------|--------------------|-------------------------|-------------------------|
| P3a     | FLAMMABLE AEROSOLS | 150                     | 500                     |

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers

Commission Directive 94/1/EC of 6 January 1994 adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of the relating Member States to aerosol dispensers

Commission Directive 2008/47/EC of 8 April 2008 amending, for the purposes of adapting to technical progress, Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers

Commission Directive 2013/10/EU of 19 March 2013 amending Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers in order to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

COMMISSION DIRECTIVE (EU) 2016/2037 of 21 November 2016 amending Council Directive 75/324/EEC as regards the maximum allowable pressure of aerosol dispensers and to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

- CONTINUED ON NEXT PAGE -



## SECTION 16: OTHER INFORMATION (continued)

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

### **Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Product contains PBT/vPvB substances (SECTION 2, SECTION 12):

- New declared substances  
Alkanes, C14-17, chloro (85535-85-9)

### **Texts of the legislative phrases mentioned in section 2:**

H362: May cause harm to breast-fed children.  
H412: Harmful to aquatic life with long lasting effects.  
H229: Pressurised container: May burst if heated.  
H222: Extremely flammable aerosol.

### **Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

### **CLP Regulation (EC) No 1272/2008:**

Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Flam. Gas 1A: H220 - Extremely flammable gas.  
Lact.: H362 - May cause harm to breast-fed children.  
Press. Gas: H280 - Contains gas under pressure, may explode if heated.

### **Classification procedure:**

Lact.: Calculation method  
Aquatic Chronic 3: Calculation method  
Aerosol 1: Calculation method  
Aerosol 1: Calculation method

### **Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

### **Principal bibliographical sources:**

<http://echa.europa.eu>  
<http://eur-lex.europa.eu>

### **Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -