

# SAFETY DATA SHEET



Pneu-Lube Spray

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

### 1.1 Product identifier

**Product name** : Pneu-Lube Spray  
**Product code** : 112600  
**Color** : Yellowish. [Light]

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

| Identified uses |
|-----------------|
| Aerosol product |

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

WEICON GmbH & Co. KG  
Königsberger Str. 255  
48157 Münster  
Germany  
Phone: +49 251 93220  
Fax: +49(0)251 / 9322 - 244  
Internet: www.weicon.de

**e-mail address of person responsible for this SDS** : msds@weicon.de

### 1.4 Emergency telephone number

**Telephone number** : EMERGENCY CONTACT – UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)  
TRANSPORT EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

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

Aerosol 1, H222, H229

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H222, H229 - Extremely flammable aerosol. Pressurized container: may burst if heated.

#### **Precautionary statements**

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## SECTION 2: Hazards identification

|   |  |
|---|--|
| <b>Prevention</b>   | : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 - Do not spray on an open flame or other ignition source.<br>P251 - Do not pierce or burn, even after use. |
| <b>Response</b>   | : Not applicable.  |
| <b>Storage</b>  | : P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.   |
| <b>Disposal</b>   | : Not applicable.  |
| <b>Supplemental label elements</b>  | : Not applicable.  |
| <b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b> | : Restricted to professional users.  |

### 2.3 Other hazards

|  |   |
|--|---|
| <b>Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII</b> | : This mixture does not contain any substances that are assessed to be a PBT or a vPvB. |
| <b>Other hazards which do not result in classification</b>   | : Aspiration hazard - Not applicable.   |

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures : Mixture

| Product/ingredient name                      | Identifiers   | %         | Regulation (EC) No. 1272/2008 [CLP]  | Type   |
|--|---|-----------|--|--------|
| butane                                       | REACH #:<br>01-2119474691-32<br>EC: 203-448-7<br>CAS: 106-97-8<br>Index: 601-004-00-0   | ≥10 - ≤25 | Flam. Gas 1A, H220<br>Press. Gas (Comp.),<br>H280  | [2]    |
| Distillates (petroleum), hydro-treated light | EC: 265-149-8<br>CAS: 64742-47-8<br>Index: 649-422-00-2                                 | ≥10 - ≤25 | Asp. Tox. 1, H304  | [1]    |
| Naphtha (petroleum), hydrotreated heavy      | REACH #:<br>01-2119463258-33<br>EC: 265-150-3<br>CAS: 64742-48-9<br>Index: 649-327-00-6 | ≥10 - <20 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>Asp. Tox. 1, H304   | [1]    |
| Sulfonic acids, petroleum, sodium salts      | REACH #:<br>01-2119527859-22<br>EC: 271-781-5<br>CAS: 68608-26-4                        | <10       | Eye Irrit. 2, H319   | [1]    |
| 1,2,4-trimethylbenzene                       | REACH #:<br>01-2119472135-42<br>EC: 202-436-9<br>CAS: 95-63-6<br>Index: 601-043-00-3    | ≤0.3      | Flam. Liq. 3, H226<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Aquatic Chronic 2,<br>H411 | [1][2] |

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### SECTION 3: Composition/information on ingredients

See Section 16 for the full text of the H statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

##### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

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## SECTION 4: First aid measures

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

- : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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## SECTION 6: Accidental release measures

**6.3 Methods and materials for containment and cleaning up** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

### 7.1 Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### Seveso Directive - Reporting thresholds

##### Danger criteria

| Category | Notification and MAPP threshold | Safety report threshold |
|----------|---------------------------------|-------------------------|
| P3a      | 150 tonne                       | 500 tonne               |

### 7.3 Specific end use(s)

**Recommendations** : Not available.

**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

#### Occupational exposure limits

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## SECTION 8: Exposure controls/personal protection

| Product/ingredient name | Exposure limit values  |
|-------------------------|--|
| butane                  | <b>EH40/2005 WELs (United Kingdom (UK), 8/2018).</b><br>STEL: 1810 mg/m <sup>3</sup> 15 minutes.<br>STEL: 750 ppm 15 minutes.<br>TWA: 1450 mg/m <sup>3</sup> 8 hours.<br>TWA: 600 ppm 8 hours. |
| 1,2,4-trimethylbenzene  | <b>EH40/2005 WELs (United Kingdom (UK), 8/2018).</b><br>TWA: 25 ppm 8 hours.<br>TWA: 125 mg/m <sup>3</sup> 8 hours.  |

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

| Product/ingredient name                 | Type | Exposure              | Value                  | Population         | Effects  |
|---|------|-----------------------|------------------------|--------------------|----------|
| Sulfonic acids, petroleum, sodium salts | DNEL | Long term Inhalation  | 0.33 mg/m <sup>3</sup> | General population | Systemic |
|   | DNEL | Long term Inhalation  | 0.66 mg/m <sup>3</sup> | Workers            | Systemic |
|   | DNEL | Long term Oral        | 0.8333 mg/kg bw/day    | General population | Systemic |
|   | DNEL | Long term Dermal      | 1.667 mg/kg bw/day     | General population | Systemic |
|   | DNEL | Long term Dermal      | 3.33 mg/kg bw/day      | Workers            | Systemic |
| 1,2,4-trimethylbenzene                  | DNEL | Long term Oral        | 15 mg/kg bw/day        | General population | Systemic |
|   | DNEL | Short term Inhalation | 29.4 mg/m <sup>3</sup> | General population | Local    |
|   | DNEL | Long term Inhalation  | 29.4 mg/m <sup>3</sup> | General population | Local    |
|   | DNEL | Short term Inhalation | 29.4 mg/m <sup>3</sup> | General population | Systemic |
|   | DNEL | Long term Inhalation  | 29.4 mg/m <sup>3</sup> | General population | Systemic |
|   | DNEL | Short term Inhalation | 100 mg/m <sup>3</sup>  | Workers            | Local    |
|   | DNEL | Long term Inhalation  | 100 mg/m <sup>3</sup>  | Workers            | Local    |
|   | DNEL | Short term            | 100 mg/m <sup>3</sup>  | Workers            | Systemic |

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## SECTION 8: Exposure controls/personal protection

|  |      |                      |                       |                    |          |
|--|------|----------------------|-----------------------|--------------------|----------|
|  |      | Inhalation           |                       |                    |          |
|  | DNEL | Long term Inhalation | 100 mg/m <sup>3</sup> | Workers            | Systemic |
|  | DNEL | Long term Dermal     | 9512 mg/kg bw/day     | General population | Systemic |
|  | DNEL | Long term Dermal     | 16171 mg/kg bw/day    | Workers            | Systemic |

### PNECs

No PNECs available.

### 8.2 Exposure controls

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Recommended : 1 - 4 hours (breakthrough time): nitrile rubber 4 - 8 hours (breakthrough time): Viton®/butyl rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended : organic vapor (Type AX) and particulate filter

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|  |                                     |
|--|-------------------------------------|
| Physical state                               | : Aerosol.                          |
| Color  | : Yellowish. [Light]                |
| Odor   | : Characteristic.                   |
| Odor threshold                               | : Not available.                    |
| pH   | : Not available.                    |
| Melting point/freezing point                 | : Not available.                    |
| Initial boiling point and boiling range      | : Not available.                    |
| Flash point                                  | : Not available.                    |
| Evaporation rate                             | : Not available.                    |
| Flammability (solid, gas)                    | : Not available.                    |
| Upper/lower flammability or explosive limits | : Lower: 0.5%<br>Upper: 10.9%       |
| Vapor pressure                               | : 210 kPa [room temperature]        |
| Vapor density                                | : Not available.                    |
| Relative density                             | : Not available.                    |
| Density                                      | : 0.75 g/cm <sup>3</sup> [20°C]     |
| Solubility(ies)                              | : Not available.                    |
| Partition coefficient: n-octanol/water       | : Not available.                    |
| Auto-ignition temperature                    | : Not applicable.                   |
| Decomposition temperature                    | : Not available.                    |
| Viscosity                                    | : Kinematic (40°C): Not applicable. |
| Remarks                                      | : Not available.                    |
| Explosive properties                         | : Not available.                    |
| Oxidizing properties                         | : Not available.                    |

### 9.2 Other information

Solubility in water : Not available.

#### Aerosol product

|                    |              |
|--------------------|--------------|
| Type of aerosol    | : Spray      |
| Heat of combustion | : 10.82 kJ/g |

## SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame).

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.



## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

| Product/ingredient name                 | Result                | Species | Dose                    | Exposure |
|---|-----------------------|---------|-------------------------|----------|
| Naphtha (petroleum), hydrotreated heavy | LC50 Inhalation Vapor | Rat     | 8500 mg/m <sup>3</sup>  | 4 hours  |
|   | LD50 Oral             | Rat     | >6 g/kg                 | -        |
| Sulfonic acids, petroleum, sodium salts | LD50 Oral             | Rat     | >5 g/kg                 | -        |
|   | LC50 Inhalation Vapor | Rat     | 18000 mg/m <sup>3</sup> | 4 hours  |
| 1,2,4-trimethylbenzene                  | LD50 Oral             | Rat     | 5 g/kg                  | -        |

**Conclusion/Summary** : Not available.

#### Acute toxicity estimates

Not available.

#### Irritation/Corrosion

**Conclusion/Summary** : Not available.

#### Sensitization

**Conclusion/Summary** : Not available.

#### Mutagenicity

**Conclusion/Summary** : Not available.

#### Carcinogenicity

**Conclusion/Summary** : Not available.

#### Reproductive toxicity

**Conclusion/Summary** : Not available.

#### Teratogenicity

**Conclusion/Summary** : Not available.

#### Specific target organ toxicity (single exposure)

| Product/ingredient name                 | Category   | Route of exposure | Target organs    |
|---|------------|-------------------|------------------|
| Naphtha (petroleum), hydrotreated heavy | Category 3 | -                 | Narcotic effects |

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

| Product/ingredient name                       | Result                         |
|---|--------------------------------|
| Distillates (petroleum), hydro- treated light | ASPIRATION HAZARD - Category 1 |
| Naphtha (petroleum), hydrotreated heavy       | ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure** : Not available.

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

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## SECTION 11: Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

|                     |   |
|---------------------|---|
| <b>Eye contact</b>  | : Adverse symptoms may include the following:<br>irritation<br>redness                    |
| <b>Inhalation</b>   | : Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing |
| <b>Skin contact</b> | : No specific data.   |
| <b>Ingestion</b>    | : No specific data.   |

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Long term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Potential chronic health effects

Not available.

|                              |   |
|------------------------------|---|
| <b>Conclusion/Summary</b>    | : Not available.                                    |
| <b>General</b>               | : No known significant effects or critical hazards. |
| <b>Carcinogenicity</b>       | : No known significant effects or critical hazards. |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards. |
| <b>Teratogenicity</b>        | : No known significant effects or critical hazards. |
| <b>Developmental effects</b> | : No known significant effects or critical hazards. |
| <b>Fertility effects</b>     | : No known significant effects or critical hazards. |

**Other information** : Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Product/ingredient name                       | Result                            | Species                                     | Exposure |
|---|-----------------------------------|---|----------|
| Distillates (petroleum), hydro- treated light | Acute LC50 2200 µg/l Fresh water  | Fish - Lepomis macrochirus                  | 4 days   |
| 1,2,4-trimethylbenzene                        | Acute LC50 4910 µg/l Marine water | Crustaceans - Elasmopus pecteniscus - Adult | 48 hours |
|   | Acute LC50 7720 µg/l Fresh water  | Fish - Pimephales promelas                  | 96 hours |

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### 12.3 Bioaccumulative potential

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## SECTION 12: Ecological information

| Product/ingredient name                 | LogP <sub>ow</sub> | BCF        | Potential |
|---|--------------------|------------|-----------|
| Naphtha (petroleum), hydrotreated heavy | -                  | 10 to 2500 | high      |
| 1,2,4-trimethylbenzene                  | 3.63               | 243        | low       |

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.

#### European waste catalogue (EWC)

| Waste code | Waste designation   |
|------------|---|
| 16 05 04*  | gases in pressure containers (including halons) containing hazardous substances |

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

| Type of packaging | European waste catalogue (EWC) |
|-------------------|--------------------------------|
| 15 01 04          | metallic packaging             |




**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

## SECTION 14: Transport information

|                                     | ADR/RID  | IMDG     | IATA                |
|-------------------------------------|----------|----------|---------------------|
| <b>14.1 UN number</b>               | UN1950   | UN1950   | UN1950              |
| <b>14.2 UN proper shipping name</b> | AEROSOLS | AEROSOLS | Aerosols, flammable |
|                                     |          |          |                     |

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## SECTION 14: Transport information

|                                 |  |  |  |
|---------------------------------|--|--|--|
| 14.3 Transport hazard class(es) | 2<br> | 2.1<br> | 2.1<br> |
| 14.4 Packing group              | -  | -  | -  |
| 14.5 Environmental hazards      | No.  | No.<br>Not available.  | No.  |

### Additional information

- ADR/RID** : **Limited quantity** 1 L  
**Special provisions** 190, 327, 625, 344  
**Tunnel code** (D)
- IMDG** : **Emergency schedules** F-D, S-U  
**Special provisions** 63, 190, 277, 327, 344, 381, 959
- IATA** : **Quantity limitation** Passenger and Cargo Aircraft: 75 kg. Packaging instructions: 203. Cargo Aircraft Only: 150 kg. Packaging instructions: 203. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y203.  
**Special provisions** A145, A167, A802

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**EU Regulation (EC) No. 1907/2006 (REACH)**

### Annex XIV - List of substances subject to authorization

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Restricted to professional users.

### Restrictions on Manufacture, Marketing and Use

| Product name                                | CAS #      | %       | Restriction |
|---|------------|---------|-------------|
| AT-44 Allround Spray                        |            | 100     | 28, 29      |
| butane                                      | 106-97-8   | 10 - 25 | 28, 29      |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 10 - 25 | 3           |
| Naphtha (petroleum), hydrotreated heavy     | 64742-48-9 | 10 - 20 | 3, 28, 29   |

### Other EU regulations

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## SECTION 15: Regulatory information

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

**Air**

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

**Water**

### Ozone depleting substances (1005/2009/EU)

Not listed.

### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

**Aerosol dispensers** :

3



Extremely flammable

### Seveso Directive

This product is controlled under the Seveso Directive.

### Danger criteria

**Category**

P3a

### National regulations

| Product/ingredient name | List name                                  | Name on list | Classification | Notes |
|-------------------------|--|--------------|----------------|-------|
| butane                  | UK Occupational Exposure Limits EH40 - WEL | butane       | Carc.          | -     |

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

**Australia** : All components are listed or exempted.

**Canada** : All components are listed or exempted.

**China** : All components are listed or exempted.

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## SECTION 15: Regulatory information

|  |  |
|--|--|
| <b>Europe</b>                          | : All components are listed or exempted.   |
| <b>Japan</b>                           | : Not determined.  |
| <b>New Zealand</b>                     | : All components are listed or exempted.   |
| <b>Philippines</b>                     | : All components are listed or exempted.   |
| <b>Republic of Korea</b>               | : All components are listed or exempted.   |
| <b>Taiwan</b>                          | : All components are listed or exempted.   |
| <b>Turkey</b>                          | : All components are listed or exempted.   |
| <b>United States</b>                   | : All components are active or exempted.   |
| <b>Viet Nam</b>                        | : All components are listed or exempted.   |
| <b>15.2 Chemical Safety Assessment</b> | : This product contains substances for which Chemical Safety Assessments are still required. |

## SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

|                                   |  |
|-----------------------------------|--|
| <b>Abbreviations and acronyms</b> | : ATE = Acute Toxicity Estimate<br>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]<br>DMEL = Derived Minimal Effect Level<br>DNEL = Derived No Effect Level<br>EUH statement = CLP-specific Hazard statement<br>N/A = Not available<br>PBT = Persistent, Bioaccumulative and Toxic<br>PNEC = Predicted No Effect Concentration<br>RRN = REACH Registration Number<br>SGG = Segregation Group<br>vPvB = Very Persistent and Very Bioaccumulative |
|-----------------------------------|--|

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification        | Justification         |
|-----------------------|-----------------------|
| Aerosol 1, H222, H229 | On basis of test data |

### Full text of abbreviated H statements

|                    |  |
|--------------------|--|
| H220<br>H222, H229 | Extremely flammable gas.<br>Extremely flammable aerosol. Pressurized container: may burst if heated. |
| H226<br>H280       | Flammable liquid and vapor.<br>Contains gas under pressure; may explode if heated.                   |
| H304               | May be fatal if swallowed and enters airways.  |
| H315               | Causes skin irritation.  |
| H319               | Causes serious eye irritation.   |
| H332               | Harmful if inhaled.  |
| H335               | May cause respiratory irritation.  |
| H336               | May cause drowsiness or dizziness.   |
| H411               | Toxic to aquatic life with long lasting effects.   |

### Full text of classifications [CLP/GHS]

|   |   |
|---|---|
| Acute Tox. 4<br>Aerosol 1<br>Aquatic Chronic 2<br>Asp. Tox. 1<br>Eye Irrit. 2<br>Flam. Gas 1A<br>Flam. Liq. 3<br>Press. Gas (Comp.)<br>Skin Irrit. 2<br>STOT SE 3 | ACUTE TOXICITY - Category 4<br>AEROSOLS - Category 1<br>AQUATIC HAZARD (LONG-TERM) - Category 2<br>ASPIRATION HAZARD - Category 1<br>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2<br>FLAMMABLE GASES - Category 1A<br>FLAMMABLE LIQUIDS - Category 3<br>GASES UNDER PRESSURE - Compressed gas<br>SKIN CORROSION/IRRITATION - Category 2<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3 |
|---|---|

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*Pneu-Lube Spray*

## **SECTION 16: Other information**

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### **Notice to reader**

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