

**Ropetex Ultra Lube 2**

Date of compilation: 16/11/2023      Version: 1

**SECTION 1: IDENTIFICATION**

- 1.1 Product identifier:** Ropetex Ultra Lube 2  
**Other means of identification:**  
Not relevant
- 1.2 Recommended use of the chemical and restrictions on use:**  
Relevant uses: Lubricant (grease). For professional users/industrial user only.  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of manufacturer or importer:**  
SCM Citra Oy  
Juvan Teollisuuskatu 25 C  
FI-02920 Espoo - Finland  
Phone: +358 (0)201 550 220  
edc.sales@scmcitra.com  
www.ropetex.com  
  
Certex Lifting Pty Ltd  
ABN: 48 098 941 578  
Head Office: 53 Prosperity Avenue  
Wangara WA 6065 Australia  
Phone: 1800 CERTEX  
E-mail: info@certexlifting.com.au
- 1.4 Emergency phone number:** 000

**SECTION 2: HAZARD(S) IDENTIFICATION**

- 2.1 Classification of the hazardous chemical:**  
**WHS:**  
The product is not classified as dangerous according to Model Work Health and Safety Regulations(Hazardous Chemicals) Amendment 2020
- 2.2 Label elements, including precautionary statements:**  
**WHS:**  
None
- 2.3 Other hazards which do not result in classification:**  
Not relevant

**SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS, IN ACCORDANCE WITH SCHEDULE 8**

- 3.1 Substances:**  
Non-applicable
- 3.2 Mixtures:**  
**Chemical description:** Mixture of substances  
**Components:**  
In accordance with Schedule 8 (WHS Regulations), the product contains:

| Identification | Chemical name         | Concentration |
|----------------|-----------------------|---------------|
| CAS: 1317-33-5 | Molybdenum disulphide | <10 %         |

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 necessary first aid measures:**

- CONTINUED ON NEXT PAGE -

## Ropetex Ultra Lube 2

Date of compilation: 16/11/2023      Version: 1

### SECTION 4: FIRST AID MEASURES (continued)

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:**

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

**By eye contact:**

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

**By ingestion/aspiration:**

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

**4.2 Symptoms caused by exposure:**

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

**4.3 Medical attention and special treatment:**

Not relevant

### SECTION 5: FIREFIGHTING MEASURES

**5.1 Suitable extinguishing equipment:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

Non-applicable

**5.2 Specific hazards arising from the chemical:**

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 Special protective equipment and precautions for fire fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, 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:**

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

**For emergency responders:**

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

**6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

**6.3 Methods and materials for containment and cleaning up:**

It is recommended:

- CONTINUED ON NEXT PAGE -

**Ropetex Ultra Lube 2**

Date of compilation: 16/11/2023      Version: 1

**SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)**

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

**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

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

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

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

A.- Technical measures for storage

- Minimum Temp.:            5 °C
- Maximum Temp.:         35 °C
- Maximum time:            24 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 AND PERSONAL PROTECTION**

**8.1 Exposure control measures:**

Substances whose occupational exposure limits have to be monitored in the workplace:

Workplace Exposure Standards for Airborne Contaminants 01/10/2022:

| Identification                          | Occupational exposure limits |                     |
|---|------------------------------|---------------------|
| Molybdenum disulphide<br>CAS: 1317-33-5 | TWA                          | 5 mg/m <sup>3</sup> |
|   | STEL                         |                     |

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

**8.2 Engineering controls:**

A.- Individual protection measures, for example personal protective equipment (PPE)

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection 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

- CONTINUED ON NEXT PAGE -



## Ropetex Ultra Lube 2

Date of compilation: 16/11/2023

Version: 1

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

**Product description:**

|  |                          |
|--|--------------------------|
| Density at 20 °C:                            | Not relevant *           |
| Relative density at 20 °C:                   | ≈0.9 - 1                 |
| Dynamic viscosity at 20 °C:                  | Not relevant *           |
| Kinematic viscosity at 20 °C:                | Not relevant *           |
| Kinematic viscosity at 40 °C:                | >20.5 mm <sup>2</sup> /s |
| 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:                       | Immiscible               |
| Decomposition temperature:                   | Not relevant *           |
| Melting point/freezing point:                | >160 °C                  |

**Flammability:**

|                            |                     |
|----------------------------|---------------------|
| Flash Point:               | >200 °C (ASTM D-93) |
| Flammability (solid, gas): | Not relevant *      |
| Autoignition temperature:  | >300 °C             |
| Lower flammability limit:  | Not relevant *      |
| Upper flammability limit:  | Not relevant *      |

**Explosive (Solid):**

|                        |                |
|------------------------|----------------|
| Lower explosive limit: | Not relevant * |
| Upper explosive limit: | Not relevant * |

**Particle characteristics:**

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Not relevant * |
|-----------------------------|----------------|

**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.

- CONTINUED ON NEXT PAGE -

## Ropetex Ultra Lube 2

Date of compilation: 16/11/2023 Version: 1

### SECTION 10: STABILITY AND REACTIVITY (continued)

#### 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   | Not applicable          | Not applicable | Not applicable |

#### 10.5 Incompatible materials:

|                    |                |                     |                       |                               |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
| Avoid strong acids | Not applicable | Not applicable      | 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 toxicological effects:

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 recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

##### A- Ingestion (acute effect):

- 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: 2,6-di-tert-butyl-p-cresol (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: 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.

##### 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:

- CONTINUED ON NEXT PAGE -

**Ropetex Ultra Lube 2**

Date of compilation: 16/11/2023 Version: 1

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- 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, as it does not contain substances classified as hazardous for this effect. 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 |
|---|-----------------|-------------|-------|
| Molybdenum disulphide<br>CAS: 1317-33-5 | LD50 oral       | >5000 mg/kg |       |
|   | LD50 dermal     | >5000 mg/kg |       |
|   | LC50 inhalation | >5 mg/L     |       |

**Acute Toxicity Estimate (ATE mix):**

| ATE mix    |                                    | Ingredient(s) of unknown toxicity |
|------------|------------------------------------|-----------------------------------|
| Oral       | >5000 mg/kg (Calculation method)   | Non-applicable                    |
| Dermal     | >5000 mg/kg (Calculation method)   | Non-applicable                    |
| Inhalation | >5 mg/L (4 h) (Calculation method) | Non-applicable                    |

**SECTION 12: ECOLOGICAL INFORMATION**

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.

**12.1 Ecotoxicity:**

**Product-specific aquatic toxicity:**

| Acute toxicity |                                 | Species                 | Genus      |
|----------------|---------------------------------|-------------------------|------------|
| LC50           | >1000 mg/L (96 h) (OCDE TG 203) | Danio rerio             | Fish       |
| EC50           | >1000 mg/L (48 h) (OCDE TG 202) | Daphnia magna           | Crustacean |
| EC50           | >1000 mg/L (72 h) (OCDE TG 201) | Desmodesmus subspicatus | Algae      |

**Substance-specific aquatic toxicity:**

Product expected to be non-toxic to the environment.

**12.2 Persistence and degradability:**

Product expected to be biodegradable.

**12.3 Bioaccumulative potential:**

Product not expected to bioaccumulate.

**12.4 Mobility in soil:**

Not available

**12.5 Results of PBT and vPvB assessment:**

Non-applicable

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Disposal methods:**

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations. 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 epigraph 6.2.

- CONTINUED ON NEXT PAGE -

## Ropetex Ultra Lube 2

Date of compilation: 16/11/2023      Version: 1

### SECTION 13: DISPOSAL CONSIDERATIONS (continued)

**Regulations related to waste management:**

Legislation related to waste management:

Basel Convention (Hazardous Waste)

Hazardous Waste (Regulation of Exports and Imports) Act 1989 and Amendments

### SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations:**

- (Puerto Rico, USA): All components are listed on or exempt.

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

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

**Industrial Chemicals Act 2019:**

Industrial Chemicals (Notification and Assessment) Act 1989

### SECTION 16: OTHER INFORMATION

**Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with WHS regulations and Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

**Advice related to training:**

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

**Principal bibliographical sources:**

<http://www.safeworkaustralia.gov.au/>

**Abbreviations and acronyms:**

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current Australian legislation, 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