

# SAFETY DATA SHEET - Red Back Tap Lube

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**Not Classified as Hazardous according to criteria of Worksafe Australia**

## IDENTIFICATION:

|  |  |
|--|--|
| Product Code                           | RED405   |
| Product Name                           | Red Back Tap Lubricant   |
| Barcode Number                         | 9326415004053  |
| Infosafe Number                        | SLUNU AU/eng/C   |
| Dangerous Goods Class                  | None Allocated   |
| Hazard identification                  | Non hazardous substance according to criteria of HOHSC<br>Non dangerous goods classification according to Australian Dangerous Good Code.  |
| Packing Group                          | None Allocated   |
| Hazchem Code                           | None Allocated   |
| Poisons Schedule                       | Not Scheduled  |
| Product Use                            | Tap lubricant with superior resistance to washout by steam, water and corrosion.   |
| Composition/information on ingredients | A lubricant grease containing polyolefins and additives. Product contains only substances permitted under US 21 CFR 178.3620 and 182 for use in lubricants with incidental food contact. |

## PHYSICAL AND CHEMICAL PROPERTIES:

|                           |  |
|---------------------------|--|
| Colour                    | White                                    |
| Physical State            | Semi-solid at ambient temperatures       |
| Odour                     | Neutral odour and taste                  |
| pH Value                  | N/A                                      |
| Vapour Pressure           | Expected to be less than 0.5 Pa at 20°C  |
| Initial Boiling Point     | Expected to be above 280°C               |
| Solubility in Water       | Negligible                               |
| Density                   | circa 900 kg/m <sup>3</sup>              |
| Flash Point               | >200°C                                   |
| Flammable Limit LEL       | 1% V/V (typical) (based on mineral oil)  |
| Flammable Limit UEL       | 10% V/V (typical) (based on mineral oil) |
| Auto ignition Temperature | Expected to be above 320°C               |
| Kinematic Viscosity       | N/A                                      |
| Evaporation Rate          | Data available                           |
| Vapour Density (Air=1)    | Greater than 1                           |

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Partition co-efficient, n-octanol/water      Log Pow expected to be greater than 6  
Dropping point      >240°C

### HEALTH HAZARD INFORMATION

#### Health Effects

**Symptoms and Effects**      Not expected to give rise to acute hazard under normal conditions of use.

#### First Aid

**Swallowed**      Wash out mouth with water and obtain medical attention.

**Eye**      Flush eye with copious amounts of water. If persistent irritation occurs, seek medical attention.

**Skin**      Remove contaminated clothing and wash affected skin with soap and water. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be immediately sent to a hospital. Do not wait for symptoms to develop.

**Inhaled**      Inhalation of any vapours from this product is not likely to present an acute hazard.

**First Aid Facilities**      Eye wash fountains and safety showers should be available for emergency use

**Advice to Doctor**      Treat symptomatically. Aspiration into the lungs may result in chemical pneumonitis. Dermatitis may result from prolonged or repeated exposure. High pressure injection injuries require prompt surgical intervention and possible steroid therapy to minimise tissue damage and loss of function.

### PRECAUTIONS FOR USE

**Exposure Limits**      No exposure limits established

**Exposure Controls**      Use local exhaust ventilation if there is a risk of inhalation of vapours, mists or aerosols.

**Personal Protection - Protective Equipment.**      Avoid contact with the eyes and excessive contact with skin. Wear impermeable gloves and boots.

**Respiratory Protection**      Not normally required. If oil mist cannot be controlled, a respirator fitted with organic vapour cartridge combined with particulate pre-filter should be used.

**Hand Protection**      PVC or Nitrile gloves

**Eye Protection**      Wear safety glasses or full face shield if splashes are likely to occur.

**Body Protection**      Minimise all forms of skin contact. Overall and shoes with oil resistant soles should be worn. Launder overalls and undergarments regularly.

**Environmental Exposure Controls**      Minimise release to the environment. Ensure compliance to local environmental legislation.

**CONTAMINATION**      If contamination occurs, change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene.

**Flammability**      Not classified as flammable but will burn.

**Environmental Hazards**      Not classified as dangerous for the environment.

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## SAFE HANDLING INFORMATION

### Storage and Transport -

#### Storage Precautions

Food grade lubricants should be stored separately from other lubricants, chemical substances and foodstuffs. Keep in a cool, dry, well ventilated place. Avoid direct sunlight, heat sources and strong oxidising agents. Use original containers only and ensure tight closure after decanting into clean dedicated containers to top up of equipment (N.B. cleaning of top up or decant containers should be conducted in accordance with Good Manufacturing Practice and Hazard Analysis and Critical Control Point (HACCP) systems).

#### Storage temperatures

0°C Minimum 40°Maximum

#### Recommended Materials

For containers or container linings, use mild steel or high density polyethylene.

#### Unsuitable Materials

For containers or container linings, avoid PVC.

#### Other information

Polyethylene containers should not be exposed to high temperatures because of the possible risk of distortion.

#### Transport

Not dangerous for transport under ADG, IMO and IATA/ICAO regulations.

#### Proper Shipping Name

Not Applicable

### SPILLS AND DISPOSAL

#### Waste Disposal

Dispose into a suitable, clearly marked container for disposal or reclamation in accordance with local regulations. The competence of the contractor to deal with this type of product should be established beforehand. Do not pollute the soil, water or environment with the waste product.

#### Product Disposal

As for waste disposal

#### Container Disposal

Recycle or dispose of in accordance with the legislation in force with the recognised collector or contractor.

#### Fire/Explosion Hazard

Combustible. Keep storage tanks, pipelines, fire exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition.

#### Specific Hazards

Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified and inorganic compounds.

#### Extinguishing Media

Foam and dry chemical powder. Carbon dioxide, sand and earth may be used for small fires only.

#### Unsuitable Extinguishing Media

Water in jet. Use of Halon extinguishers should be avoided for environmental reasons.

#### Protective Equipment

Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

#### Hazchem Code

None Allocated

## STABILITY AND REACTIVITY

#### Stability

Stable

#### Conditions to avoid

Extremes of temperature and direct sunlight.

#### Materials to Avoid

Strong Oxidising agents

#### Hazardous Decomposition Products

Hazardous decomposition products are not expected to form during normal storage.

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### TOXICOLOGICAL INFORMATION

|                                |  |
|--------------------------------|--|
| <b>Basis for Assessment</b>    | Toxicological data have not been determined specifically for this product. Information given is based on knowledge of the components and toxicology of similar products.   |
| <b>Acute Toxicity - Oral</b>   | LD50 expected to be >2000 mg/kg.   |
| <b>Acute Toxicity - Dermal</b> | LD 50 expected to be >2000 mg/kg.  |
| <b>Eye Irritation</b>          | Expected to be slightly irritating   |
| <b>Skin Irritation</b>         | Expected to be slightly irritating   |
| <b>Respiratory Irritation</b>  | If vapours are inhaled, slight irritation of the respiratory tract may occur.  |
| <b>Skin Sensitisation</b>      | Not expected to be a skin sensitiser   |
| <b>Carcinogenicity</b>         | Components are not known to be associated with carcinogenic effects.   |
| <b>Mutagenicity</b>            | Not considered to be a mutagenic hazard.   |
| <b>Reproductive Toxicity</b>   | Not considered to be toxic to reproduction.  |
| <b>Other Information</b>       | Prolonged and/or repeated contact with the product can result in defatting of the skin, particularly at elevated temperatures. This can lead to irritation and possibly dermatitis, especially under conditions of poor personal hygiene. Skin contact should be minimised. High pressure injection of the product into the skin may lead to local necrosis if the product is not surgically removed. Used grease may contain harmful impurities that have accumulated during use. The concentration of such harmful impurities will depend on use and they present a risk to health and the environment on disposal. ALL used grease should be handled with caution and skin contact be avoided as far as possible. |

### REGULATORY INFORMATION

|                             |   |
|-----------------------------|---|
| <b>EC Symbols</b>           | None  |
| <b>EC Risk Phrase</b>       | Not classified  |
| <b>EC Safety Phrase</b>     | Not classified  |
| <b>EINECS</b>               | All components listed or polymer exempt.  |
| <b>AICS (Australia)</b>     | All components listed   |
| <b>National Legislation</b> | National code of practice for the Preparation of Material Safety Data Sheets (NOHSC:2011)<br>List of Designated Hazardous Substances (OHNSC:10005)<br>Approved criteria for Classifying Hazardous Substances (NOHSC:1008)<br>Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment (NOHSC:1003)<br>Australian Dangerous Goods Code<br>Standard Uniform scheduling of Drugs and Poisons                                   |
| <b>Other Information</b>    | Made only from substances permitted under the US FDA Title 21CFR 178.3570, 178.3620 and/or those generally recognised as safe (US 21CFR 182) for the use in food grade lubricants. Registered by the NSF (Class H1) for use where there is potential for incidental contact with food. This product meets the guidelines (1998) of the US department of Agriculture Food Safety and Inspection Service (FSIS) for H1 use (Lubricants with incidental food contact). |

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### OTHER INFORMATION

#### References

For detailed advice on Personal Protective equipment, refer to the following Australian Standards:

HB 9 (Handbook 9) Manual of Industrial personal protection

AS/NZS 1337 Eye protectors for industrial applications.

AS/NZS 1715 Selection, use and maintenance of respiratory protective devices.

NS

#### Poisons Schedule:

#### Restrictions

To comply with the requirements of US 21CFR 178.3750, contact with food should be avoided where possible. In the case of incidental contact, the concentration of the product must not exceed 10 parts per million (10 mg/kg of foodstuff). In locations and/or applications where local legislation does not specify maximum concentration limits, it is recommended that the 10ppm limit be observed, as up to this concentration, Redback Tap Lube will not impart undesirable taste, odour or colour to the food, nor will cause adverse health effects.

To be consistent with good manufacturing practice, the amount used should be the minimum required to accomplish the desired technical effect on the equipment and appropriate corrective action should be taken should excessive incidental contact with food be detected. If used as an ant-rust film, the lubricant must be removed from the equipment surface by wiping or washing as required to leave the surface effectively free from any substance which could be transferred to food being processed. Use in meat and poultry establishments inspected by the USDA FSIS is subject to regulation under Docket No. 93-016F "Pathogen Reduction: Hazard Analysis and Critical Control Point (HACCP) Systems published in the US Federal Register Vol. 61, No. 144 on 25th July 1996. HACCP Systems may be legislative requirements in other countries outside the USA; such systems are strongly supported and recommended for use in all food manufacturing industries.

#### Further Information

***The information in this document is given to provide details of known hazards and is prepared from sources believed reliable, and can only be used for safety and health purposes. Aquarius Rubber makes no warranty that it is in all cases correct and sufficient. Prepared along Worksafe guidelines. This material safety data sheet can only be copied in its entirety without any alterations.***