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MATERIAL SAFETY DATA SHEET

PRODUCT NAME – SST LANOLUBE

IDENTIFICATION

Classified as hazardous according to criteria of NOHSC
Not classified as a dangerous goods according to the ADG Code

COMPOSITION

CHEMICAL ENTITY	CAS-No.:	PROPORTION
Hydrotreated heavy naphtha	64742-48-9	60 – 80%
Lanolin anhydrous	8006-54-0	20 - 40%
Other ingredients determined not to be hazardous to 100%		

RECOMMENDED USES: Corrosion inhibitor, lubricant, welding anti-spatter, anti-seize/penetrant, water-proofing

HAZARDS IDENTIFICATION

Poisons Schedule: 5

Dangerous Goods Class: Not a dangerous good

UN Number: Not applicable

Hazchem Code: Not applicable

Hazard Category: X_n Harmful

Risk Phrases:

Safety Phrases:

R65 - Harmful: may cause lung damage if solvent is aspirated into lungs.

S2 - Keep out of reach of children.

S23 - Do not breathe vapour/mist.

S24 - Avoid contact with skin.

S62 - If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Emergency Overview: Light brown liquid – Combustible

Potential Health Effects:

Acute: Inhalation: In enclosed areas vapour concentrations may result in possible headaches, dizziness and nausea.

Skin: Solvent may cause mild skin irritation.

Eye: Solvent used may cause moderate eye irritation.

Ingestion: Harmful if swallowed. Vomit entering the lungs by aspiration may cause chemical pneumonitis and lung damage.

Chronic: Inhalation: Remove to fresh air. Keep at rest until fully recovered. Seek medical advice if effects persist or aspiration has occurred.

FIRST AID MEASURES

Skin contact: Remove contaminated clothing. Wash with plenty of soap and water.

Eye contact: Immediately flush with plenty of water for several minutes. If irritation occurs and persists, seek medical advice.

Ingestion: Do not induce vomiting, as aspiration may occur and cause lung damage. Give a glass of water.

Contact a doctor or Poisons Information Centre on 131126.

First Aid Facilities: Safety shower and eye wash basin desirable.

Note to Medical Personnel: Treat as for exposure to petroleum distillates and related hydrocarbons.

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FIRE FIGHTING MEASURES

Flashpoint: > 83°C

Auto-ignition Point: > 200°C

Flammability Limits (%): LEL = 0.6%; UEL = 7.0%

Specific Hazards Solvent is a combustible liquid.

Degree of fire/explosion hazard: Slight explosion hazard when exposed to heat or flame.

Extinguishing media: Dry chemical powder, foam, carbon dioxide, water fog

Hazardous decomposition

products:

Carbon monoxide and carbon dioxide may be released in fire.

Special fire-fighting procedures: Wear self-contained breathing apparatus. Use water sprays to cool exposed containers.

ACCIDENTAL RELEASE MEASURES

Slippery when spilled. Clean up immediately. Ventilate area thoroughly and wear a ventilator if necessary to minimise inhalation. Eliminate all sources of ignition and do not smoke. Move leaking containers to well-ventilated area. Small spills can be wiped up. Large spills should be dammed. Absorb spills with dirt, sand or other suitable absorbents for disposal. Prevent entry into drains, sewers and waterways.

HANDLING AND STORAGE

Handling Advice: Avoid handling product near extreme heat or ignition sources. However, on application, the hydrocarbon solvent evaporates (maximum 1-2 hours depending on ambient temperature).

Therefore, treated items should not present a flammability hazard, once they have dried.

Storage Advice: Combustible liquid - must be stored in combustible liquid stores complying with government regulations.

Do not cut or weld empty containers. Schedule 5 poison - must be stored in accordance with State poisons regulations. Keep away from ignition sources.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: No occupational exposure standards have been assigned by NOHSC in Australia for any of the ingredients in this product. It is recommended that the Time Weighted Average (TWA) is 200 ppm, based on the total hydrocarbon content.

Engineering controls: Keep away from heat and sources of ignition. Use only with adequate ventilation. Keep containers closed when not in use.

Personal Protective Equipment: Use suitable protective equipment to avoid skin and eye contact.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light brown liquid

Odour: Distinctive wool fleece odour

Boiling point: 110 - 200°C (approx)

Specific Gravity: 0.81 - 0.83 @ 24°C (relative to water = 1)

Vapour pressure: 0.6 @ 38°C

Solubility: Insoluble

Flammability Limits: 0.6 - 7.1%

Flash Point: > 83°C

Auto-ignition Point: > 200°C

Vapour Density: > 1 (relative to air = 1)

STABILITY AND REACTIVITY

Stability: Stable to heat and light. Incompatible with strong oxidising agents.

Conditions to avoid: Combustible liquid - avoid extreme heat, flames, ignition sources.

Hazardous polymerisation: Will not occur

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TOXICOLOGICAL INFORMATION

No specific data is available for General Purpose Liquid Lanolin. Information presented is for the hydrocarbon ingredient. No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood breathing in vomit and thus, damaging the lungs.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Repeated exposure may cause skin dryness or cracking.

Inhalation: Breathing in vapour can result in headaches, dizziness, drowsiness and nausea. High concentrations can produce central nervous system depression, which can lead to loss of coordination, impaired judgement and possible unconsciousness.

Long Term Effects: Toxicological Data: No information available for the product. No LD50 data available for the product.

ECOLOGICAL INFORMATION

No specific data is available for General Purpose Liquid Lanolin. Principal ingredients are lanolin, hydrocarbon solvent and propellant. Lanolin is not regarded as hazardous. While no specific eco-toxicity data is available on the hydrocarbon solvent, such compounds are generally regarded as hazardous to aquatic environments. However, both propellant and solvent evaporate after application, leaving behind a coating of lanolin. Therefore, treated items should not present an aquatic hazard, once they have dried.

DISPOSAL

Do not hose spills down drains, sewers or waterways. Contact local waste disposal authority for advice, or pass to a licensed waste disposal company for disposal.

TRANSPORT INFORMATION

DG Class: Not a dangerous good

UN No.: Not applicable

Hazchem Code: Not applicable

Packaging Group: Not applicable

Proper Shipping Name: Not applicable

REGULATORY INFORMATION

Poisons schedule: Schedule 5

Category: X_n Harmful

Risk phrases: R65 - Harmful - may cause lung damage if swallowed.

Hazardous substance:

Safety phrases: S2 - Keep out of reach of children.

S23 - Do not breathe vapour.

S24 - Avoid contact with skin

S62 - If swallowed, do not induce vomiting; seek medical advice.

OTHER INFORMATION

References: *Industrial Organic Solvents*. by NOHSC

List of Designated Hazardous Substances [NOHSC:10005 (1995)]

Australian Dangerous Goods Code, 6th Ed.

Standard for the Uniform Scheduling of Drugs & Poisons. No 17.

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