

Material Safety Data Sheet

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

PRODUCT NAME: LANO LUBE GREASE

Synonyms: Wool Grease, Anhydrous Lanolin

Recommended Use: General purpose grease.

Supplier: Minehan Agencies Pty Ltd

Address: 29 Camuglia Street GARBUTT Townsville Queensland Australia 4814

Telephone: (07) 4774 4626

Facsimile: (07) 4774 4616

E-mail: inquiry@minehanagencies.com.au

Emergency telephone number: 0408 777 800 (24Hrs Australia)

2. HAZARDS IDENTIFICATION

This product is classified as:

Non Hazardous according to criteria of the National Occupational Health and Safety Commission (NOHSC).

Not Dangerous Goods according to the Australian Dangerous Goods Code (ADG Code).

Approved Criteria Classification (Calculated).	Not Hazardous
SUSDP Classification	Not Scheduled
ADG Classification	Not Dangerous Goods
Un Number	None allocated

EMERGENCY OVERVIEW

COLOUR	Dark Brown
PHYSICAL DESCRIPTION	Solid Grease
ODOUR	Lanolin
MAJOR HEALTH HAZARD	Slight discomfort to eyes

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POTENTIAL HEALTH EFFECTS

Inhalation: Short term exposure. Generated mists and sprays of heated grease may slightly irritate respiratory system. **Long term Exposure.** Mists and sprays may trigger pre-existing respiratory complaints.

Skin Contact: Short term exposure. Will not cause irritation of the skin. **Long term exposure.** None known

Eye Contact: Short term exposure. May be slightly irritating. **Long-term exposure.** Prolonged contact may cause redness and itching.

Ingestion: Short term exposure. Not harmful. **Long-term exposure.** None known

Carcinogen Status

NOHSC	Not Classified
NTP	Not Classified
IARC	Not Classified

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL ENTITY	CAS No	PROPORTION W/W %
Lanolin anhydrous	8006-54-0	>60%
Other ingredients determined not to be hazardous		to 100%

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for Scheduled Poisons: Phone (Australia 13 1126).

Inhalation: Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. If symptoms persist seek medical attention.

Skin Contact: Remove contaminated clothing. Wash contaminated skin for at least 15-20mins with of water, or until no evidence of the chemical remains. If swelling, redness, blistering, or irritation occurs seek medical advice. Wash clothing before re-use.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. If present, remove contact lenses. If symptoms persist seek medical attention.

Ingestion: Immediately rinse mouth with water. Do NOT induce vomiting. If symptoms persist seek medical attention.

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point: Not a Flammable or Combustible liquid.

Fire and Explosion Hazard: Non-combustible material.

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Specific Hazards: None

Fire Fighting: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. **Suitable Extinguishing Media:** Not combustible, however, if material is involved in a major fire use water fog to keep drums cool. Use foam, CO₂ or dry chemical powder to extinguish surrounding fire.

Hazardous Decomposition in Products: On burning may emit fumes including carbon monoxide, carbon dioxide, and partially burned hydrocarbons. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Hazchem Code: None allocated

6. ACCIDENTAL RELEASE MEASURES

Stop leak if possible without personal risk. **Small spills (< 5L)** Cover with an absorbent material (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. Hose down area with large amounts of water. Caution, Slip Hazard. **Large spills (>5L)** Prevent run off into drains and waterways. Dam material. Cover with absorbent material. Collect and seal in properly labelled containers for disposal. Hose down area with large amounts of water. Caution Slip hazard. Keep unnecessary people away, isolate hazard area and deny entry. If contamination of sewers or waterways has occurred, advise local emergency services.

7. HANDLING AND STORAGE

Store in a well-ventilated area. Store in a cool, dry place and out of direct sunlight. Store away from foodstuffs and strong acids. Store in original containers. Keep containers closed when not in use – check regularly for leaks. Handle using good industrial hygiene practices (see section 8 on personal protection).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No value has been assigned for this specific material by NOHSC.

Biological Limit Value: No biological limit allocated

Engineering Controls: Use in well ventilated area. Keep containers closed when not in use.

Personal Protection Equipment

Respirator: Not required

Eye Protection: When handling the GREASE Safety glasses with side shields should be worn as described in Australian Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Glove Type: No specific requirement.

Clothing: Not specific requirements.

Work/Hygienic Practices: Always wash hands before smoking, eating, drinking or using the toilet.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid Grease		Water Solubility	Immiscible
Colour	Dark Brown		Vapour Pressure	Not Known
Odour	Lanolin		Vapour Density	Above 1 (air =1)
Boiling Point	NA		Evaporation Rate	Slower than butyl acetate
Melting Point	175 °C		% Volatiles	0%
Freezing Point	NA		Flash Point	232°C
Specific Gravity	0.89-0.95g/ml (water =1)		Flammability Limits	NA
Ph (neat)	NA		Ignition Temperature	NA

10. STABILITY AND REACTIVITY

Reactivity: Stable at normal temperatures and pressure.

Conditions to Avoid: Avoid contact with incompatible materials.

Incompatibilities: Strong Oxidising Agents.

Hazardous Decomposition: Thermal decomposition products include, sulphur dioxide, carbon dioxide, carbon monoxide, and Nitrous oxides.

Polymerisation: Will not polymerise.

11. TOXICOLOGICAL INFORMATION

There is no information available for this material.

12. ECOLOGICAL INFORMATION

General Statement: Not recognised as an environmental pollutant.

Ecotoxicity: No specific information available for this product.

Persistence and Degradability: No specific information available for this product

Mobility: No specific information available for this product

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority for disposal; show this MSDS for their consideration. Empty containers may be recycled after through cleaning with water. Dispose in accordance with local regulations.

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14. TRANSPORTATION INFORMATION

UN No	None allocated
Proper Shipping Name	None allocated
ADG Code	None allocated
Sub Risk	None allocated
Packing Group	None allocated
Special Precautions	None
Hazchem Code	None allocated
EPG	None allocated
Segregations	No

15. REGULATORY INFORMATION

SUSDP Classification: Not Scheduled.

AICS: All of the constituents of this material are listed on the ACIS.

16. OTHER INFORMATION

Issue Date: November, 2009

Reason(s) For Issue: Updated to comply with new NOHSC standards for MSDS preparation.

Labelling Details

Although this product is neither hazardous nor dangerous the follow safety phrases are recommended.

- S2** Keep out of reach of children.
- S44** If you feel unwell, contact a Doctor or Poisons Information Centre (show the label wherever possible).

Abbreviations & Acronyms

SUSPD: Standard for the Uniform Scheduling of Drugs and Poisons

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

N.O.S. Not Otherwise Specified

CAS No: Chemical Abstracts Service Registry Number

UN No: United Nations Number

R-Phrases: Risk Phrases

S-Phrases: Safety Phrases

HAZCHEM Code: Hazardous Chemical emergency action code

NOHSC: National Occupational Health and Safety Commission

IARC: International Agency for Research into Cancer

ACIS: Australian Inventory of Chemical Substances

NTP: National Toxicology Program (USA)

Literary references:

Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(41999)]

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011(2003)]

Exposure Standards for Atmospheric Contaminants in the Occupational Environment

Guidance Note [NOHSC: 3008(1995)] National Exposure Standards [NOHSC: 10005(1999)]

List of Designated Hazardous Substances [NOHSC: 10005(1999)]

Standard for the Uniform Scheduling of Drugs and Poison No. 17

The Australian Code for the Transport of Dangerous Goods by Road and Rail EDITION 6

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Disclaimer

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and in particular how to safely handle and use the product in the workplace.

Since Minehan Agencies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace i.e. a risk analysis.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Minehan Agencies Pty Ltd.