LANOTEC®

SAFETY DATA SHEET

Lanotec Type A Grease

Infosafe No.: 5GF40
ISSUED Date : 30/07/2019
ISSUED by: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier
Lanotec Type A Grease

Company Name
Lanotec Australia Pty Ltd (ABN 87 096 795 621)

Address
Unit 79
57-101 Balham Road Archerfield
QLD 4108 Australia

Telephone/Fax Number
Tel: +61 7 3373 3700
Fax: +61 7 3373 3777

Emergency phone number
0417 638 004

Recommended use of the chemical and restrictions on use
Anti-seize, lubricant, corrosion protection grease

Additional Information
NZ Contact: Steelmasters, 79-81 O'Rorke Road, Penrose, 1061, Auckland, New Zealand.
NZ Emergency Contact: P 09 5798196, M 021757581

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Precautionary statement – General
Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Lanolin	8006-54-0	100 %

4. FIRST-AID MEASURES

Inhalation
Does not pose a inhalation risk when stored and used as directed.

Ingestion
DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. Seek medical attention.

Skin
Remove contaminated clothing and wash affected area with soap and water. If persistent irritation occurs, obtain medical attention. If burning by hot wax, immediately cool under cold water to dissipate heat and seek medical aid.

Eye contact
Irrigate with copious quantity of water for 15 mins. Seek medical assistance if symptoms persist.

First Aid Facilities
Maintain eyewash fountain and safety shower in work area.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures
Small fire: Use dry chemical, CO2, water spray or foam. Large fire: Use water spray, fog, or foam if safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after fire is out.

Hazards from Combustion Products
May emit toxic fumes (carbon oxides) in fire.

Special Protective Equipment for fire fighters
Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

Specific Hazards Arising From The Chemical
Hazardous decomposition: Fire may produce irritating, poisonous and/ or corrosive gasses.

Other Information
C2 Combustible Liquid

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Stop leak if safe to do so. Bund material if necessary. Collect and place into suitable clean, dry, closed container for disposal.

Personal Protection
Wear protective clothing specified for normal operations (see Section 8)

7. HANDLING AND STORAGE

Precautions for Safe Handling
Use in well ventilated areas.

Conditions for safe storage, including any incompatibilities
Keep in a cool, dry ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
The time weighted average concentration (TWA) for the liquid component of this product is: None specified; which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified; which is the maximum allowable exposure concentration at any time. There is blanket limit (TWA) of 10 mg/m3 for dust mists when limits have not been otherwise established.

Appropriate Engineering Controls
In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use local exhaust ventilation, capturing substance at the source, or other methods.

Respiratory Protection
Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or fumes. Respiratory protection should comply with AS 1716- Respiratory Protection Devices and be selected in accordance with AS1716- Selection, use and maintenance of respiratory protection devices. Filter capacity and respirator type depends on exposure levels. In the event of an emergency, planned entry into unknown concentrations a positive pressure full face piece SCBA should be used.

Eye Protection
The use of a face shield, chemical goggles or safety glasses with side protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

Hand Protection
Hand protection should comply with AS2161, Occupational gloves- Selection, use and maintenance. It is expectect that as in all workplaces, good industrial hygiene would be employed, e.g. wash hands after use and especially before eating.

Body Protection
Clean clothes or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS3765.

Hygiene Measures
Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Solid

Appearance
Amber, brown-yellow colour, opaque solid

Odour
Slightly, characteristic.

Melting Point
35-45 degrees C

Solubility in Water
Immiscible

Solubility in Organic Solvents
Freely soluble in benzene, chloroform, ether, carbon disulphide, acetone and petroleum ether. Sparingly soluble in cold alcohol; more soluble in hot alcohol.

pH
Not determined

Vapour Pressure
Not available

Density
0.93 g/ml

Flash Point
238 degrees C

Flammability
Combustible.

Auto-Ignition Temperature
445 degrees C

Other Information
Saponification value: 90-105

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
High Temperatures

Hazardous Decomposition Products
Carbon oxides.

Hazardous Polymerization
Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.
Oral LD50 (rat): 2000 mg/kg

Ingestion
Maybe harmful if swallowed. May cause irritation. Large oral dosages may produce gastrointestinal disturbances.

Inhalation
Maybe harmful if inhaled. May cause upper respiratory irritation. May cause chemical pneumonitis.

Skin
Product is sticky and tacky. May be washed out with soap and water. Product has an emolient effect on skin (moisturises) and will provide a barrier to other chemicals.

Eye
Maybe harmful. May cause irritation.

Mutagenicity
No evidence of mutagenic properties.

Carcinogenicity
Data indicates no carcinogenic effects.

Chronic Effects
There are no chronic health effects with use of this product.

12. ECOLOGICAL INFORMATION

Ecological information
No ecotoxicological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal considerations
Dispose of according to relevant local, state and federal government regulations.

14. TRANSPORT INFORMATION

Transport Information
Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None Allocated

15. REGULATORY INFORMATION

Regulatory information
Not classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Poisons Schedule
N/A

HSNO Approval Number
Non hazardous

Australia (AICS)
All ingredients listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS
SDS reviewed: June 2019 (General Review)
Review date: June 2024
Supersedes: January 2019

References
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Globally Harmonised System of classification and labelling of chemicals.
Suppliers SDS.

Other Information
Controlled Document: LAN-0010 SDS-GS
Emergency Number: 0417 638 004
DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.
The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Lanotec Australia Pty Ltd.

END OF SDS

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