

Type A Grease

Infosafe No.: 5GEWX
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Re-issued: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier

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 (s)

Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
All ingredients are classified as non-hazardous at the concentrations used according to the criteria of Safe Work Australia	Not applicable	-

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion

If swallowed, do NOT induce vomiting.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Launder clothes before reuse.

Eye contact

If in eyes wash out immediately with water.

First Aid Facilities

None specified, consider ventilation and respiratory aid.

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

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable Extinguishing Media

Alcohol resistant foam, or dry chemical or foam.

Hazards from Combustion Products

This product will not burn with attempted ignition, but in extreme conditions will carbonise (> 700 degrees)

Specific Hazards Arising From The Chemical

Hazardous decomposition: Carbon dioxide, carbon monoxide and other organic complexes of sulfur and nitrogen upon incomplete burning or oxidation.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

This product will not burn, but in extreme temperatures (> 700 degrees) will carbonise. It is unlikely that this product will fuel a fire in progress. For surrounding fire, cool packaging with water spray, or foam. In extreme temperatures, some organic complexes may be produced. This product is low ash, and low vapour.

Clean-up Methods - Large Spillages

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures"

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.

- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures"

7. HANDLING AND STORAGE

Precautions for Safe Handling

This product presents no adverse health effects and be applied liberally by hand if required. This product is an emolient, so will not dry or defat the skin, nor is it an eye irritant. It does not present and vapour hazards. Prevent packaging from physical damage, store in a cool, dry place and check packaging for leaks.

Conditions for safe storage, including any incompatibilities

This product requires no particular storage requirements. For all industrial products, keep out of direct sunlight or away from heat sources. Product is inert and unlikely to interact with other chemicals. Will not burn.

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.

Appropriate Engineering Controls

There are no prescriptive engineering controls for this product. It is recommended that standard industrial hygiene practices will be observed when using this product.

Respiratory Protection

None applies

Eye Protection

None applies

Hand Protection

None applies. It is expected that as in all workplaces, good industrial hygiene would be employed, e.g. wash hands after use and especially before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Paste

Appearance

Brown, opaque solid

Boiling Point

> 300°C

Solubility in Water

Immiscible

pH

Not determined

Vapour Pressure

Not available

Density

0.92 g/ml

Flash Point

> 150C

Auto-Ignition Temperature

> 700C

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

None identified

Hazardous Decomposition Products

Strong acids, oxidisers and bases, extreme heat > 700 degrees.

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: No data; consider > 10 g/kg

Inhalation TClO: No data; consider > 10 g/kg

Ingestion

May cause mild distaste on swallowing, but will not result in narcotic effects or poisoning. Eating large quantities of this product may result in gastric disturbances.

Inhalation

Product cannot be inhaled and has mild to no vapours even at elevated temperatures. This product poses no inhalation risk or irritation.

Skin

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

Eye

Product is unlikely to present an irritant risk to eyes in normal use. Product will not cause irritation, but if in eyes, will result in blurred vision.

Chronic Effects

There are no chronic health effects with use of this product. The product is suitable for food contact use and is non-toxic on ingestion.

12. ECOLOGICAL INFORMATION

Persistence and degradability

Information is not available for this specific product.

Mobility

This product is unlikely to be mobile on release to the environment and does not bioaccumulate. This product is an animal fat and considered biodegradable.

Environmental Protection

Prevent large amounts from entering waterways, drains and sewers.

Acute Toxicity - Fish

Fish Toxicity LC50: No data; consider > 100 mg/L

Acute Toxicity - Daphnia

Daphnia Magna EC50: No data; consider > 100 mg/L

Acute Toxicity - Algae

Blue-green algae: No data; consider > 100 mg/L

Green algae: No data; consider > 100 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal considerations

This product should be disposed in accordance with the local authority in waste management. Recycle or dispose to landfill.

Special precautions for landfill or incineration

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment in accordance with the local authority, or considered for use in recycling.

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 or NZS 5433:1999 Transport of Dangerous Goods on Land.

Not regulated for transport of Dangerous Goods: IATA, IMDG.

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: January 2019 (DG Review, Address update)

Review date: January 2023

Supersedes: June 2018

Re-issued Feb 2019 - Address change

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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