

SAFETY DATA SHEET

1. Product and Company Identification

Company Name: Sierra Aust Pty Ltd
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Product Name: Lanomax Liquid Lanolin - Aerosol
Product Code: 6103
Intended Use: Lubricant and corrosion preventative
Chemical Nature: Mixture

2. Hazards Identification

Hazardous Chemical according to classification by Safe Work Australia and GHS guidelines
Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail
Dangerous Goods Classification: 2

GHS Classification:

Flammable Aerosol: 1
 Aspiration Toxicant: 2
 Skin Corrosion/Irritation: 3



GHS Signal Word: **WARNING**

Hazard Statement: H223 Flammable Aerosol
 H305 May be harmful if swallowed and enters airways
 H317 May cause an allergic reaction

Precautionary Statements:

P261 Avoid breathing dust/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P273 Avoid release to the environment
 P501 Dispose of contents, or container in accordance with local/regional/national regulation

3. Composition / Information on Ingredients

Ingredients Names and Proportions

Chemical Entity	Cas Number	Proportion(%)
LOW AROMATIC WHITE SPIRIT	64742-82-1	>50
Anhydrous wool grease	8006-54-0	20-40
Butane	106-97-8	<20
Propane	74-98-6	<20

4. First aid Measures

In case of eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes. If symptoms persist transport to nearest medical facility for additional treatment.

In case of skin contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available

If Ingested: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

If Inhaled: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated Clothing.

Symptoms caused by exposure

Inhalation: Breathing of high vapour concentrations may have a narcotic effect on the central nervous system

Skin: May include redness and itching.
Eyes: May include burning and temporary redness.
Ingestion: May cause mild gastrointestinal irritation, nausea, vomiting and diarrhea.

Medical attention and special treatment

Treat symptomatically

5. 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 is combustible and will fuel a fire in progress

Hazardous Decomposition

Carbon dioxide, carbon monoxide and other organic complexes upon incomplete burning or oxidation.

Hazardous Polymerisation

Will not occur.

Precautions for fire fighters and special protective equipment

Fully self-contained breathing apparatus.

Hazchem Code

2YE

6. Accidental Release Measures

Emergency Procedures

This product is combustible and will fuel a fire in progress. Observe standard operating procedures for managing a blaze involving chemicals which can emit toxic vapours. There are chemical reactions that can take place through hydrolysis (reactions with water vapour) creating corrosive mixtures, and vapour hazards. Heat and flame will accelerate the oxidation process which can result in hazardous decomposition mixtures: carbon dioxide and carbon monoxide. Ensure the extinguishing media and any fire-fighting run-off is contained from contributing to environmental contamination, other chemical reaction hazards in adjacent areas, or expansion of the fire-affected area.

Methods and materials for containment

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.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

See "First Aid Measures" and "Stability and Reactivity"

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" and "Stability and Reactivity".

7. Handling and Storage

Precautions for Safe Handling

Store in a well-ventilated area away from incompatible materials such as strong acids and bases, and strong oxidising materials. Check containers for integrity periodically, and vent containers in hot weather. Employ good industrial hygiene when using this product, i.e. wash hands before and after use.

Conditions for Safe Storage

This product is combustible and will fuel a fire in progress. Avoid extreme heat, direct sunlight, naked flames and ignition sources. Store any chemicals in banded or designated areas. Take precautions against static discharge.

Incompatible Materials

None identified

8. Exposure Controls and Personal Protection

National Exposure Standards

The time weighted average concentration (TWA) for the liquid component of this product is: Recommended: None specified; consider 5 g/m³, 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: Recommended: None specified; consider 5 g/m³, which is the maximum allowable exposure concentration at any time. The liquid product component of this product is isolated in an aerosol device.

Biological Limit Values (BLV)

None specified

Engineering Controls: Ventilation for sprays and aerosols

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment for any atomised products such as aerosols.

Personal Protective Equipment

Respiratory Protection: Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

Eye Protection: Eye Protection: Consider using safety glasses or other eye protection

Skin/Body Protection: Consider wearing long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended to consider wearing protective gloves when handling this product.

9. Physical and Chemical Properties

Appearance:	Brown mobile Liquid	Density (g/ml@15°C):	0.85 – 0.88
Odour:	typical	Solubility (kg/m ³):	Not miscible with water
Initial Boil point range:	>140°C	Auto ignition temp (°C)	Typical 230
Flash point:	>75°C	Vapour Density:	data not available
Flammability:	Combustible	(air=1 @15°C)	
Vapour pressure:	data not available	Upper/lower flammability:	data not available
(kPa@20°C)		or explosive limits (%)	

10. Stability and Reactivity

Reactivity:	Stable under normal conditions of use
Chemical Stability:	Stable under normal conditions of use
Possible Hazardous reactions:	Stable under normal conditions of use
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources
Incompatible materials:	Strong acids and strong oxidizing agents.
Hazardous Polymerisation:	Not applicable

11. Toxicological Information

There is no toxicological information for this product

12. Ecological Information

Ecotoxicity

No Aquatic toxicological data available

Mobility/Biodegradability: This product is unlikely to be mobile on release to the environment and does not bioaccumulate. This product natural animal fat and considered biodegradable.

13 Disposal Considerations

Disposal Methods

This product must be disposed in accordance with the local authority in chemical waste management.

Special Precautions

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

UN number:	1950
Proper shipping name:	Lubricant: Aerosol
Australian Dangerous Goods class:	2
Australian Dangerous Goods packing group:	III
Hazchem code:	2YE

15. Regulatory Information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	5
Australian Inventory of Chemical Substances (AICS):	Listed

16. Other Information

This SDS contains only safety related information. For other information see product literature.

Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.