

## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Company Name:</b>	Molytec Australia Pty Ltd 2/38-44 Enterprise Street Cleveland Queensland 4163		
	Ph	1300 452355	
	admin@molytec.com.au		
<b>Emergency Contact:</b>	Molytec 1300 452355	Poisons Information Centre <b>13 11 26</b>	

**Product Name:** **LGX Lanolin Grease**  
**Product Code:** M842, M843, M844  
**Intended Use:** Lubricant  
**Chemical Nature:** Substance - solid

### 2. Hazards Identification

**GHS Classification:** Not applicable  
**GHS Signal Word:** Not applicable  
**GHS Hazard Statement:** Not applicable  
**Other Hazards:** None known.

### 3. Composition / Information on Ingredients

**Substance / Mixture:** Substance

Chemical Name	Cas Number	% In Product
Lanolin anhydrous	8006-54-0	100

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if applicable are listed in section 8.

### 4. First aid Measures

#### Description of necessary first aid measures

**Eye Contact:** Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin Contact:** Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water. (and soap if available). Seek medical attention in event of irritation.

**Inhalation:** If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag valve mask device or pocket mask as trained. Perform CPR if necessary. Transport to hospital or doctor.

**Ingestion:** For advice, contact Poisons Information Centre or a doctor at once.  
 Urgent hospital treatment is likely to be needed.  
 If swallowed do NOT induce vomiting.  
 If vomiting occurs, lean patient forward or place on left side (head down position if possible) to maintain open airway and prevent aspiration.  
 Observe the patient carefully.  
 Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.  
 Give water to rinse mouth, then provide liquid slowly and as much as casualty can comfortably drink  
 Transport to hospital or doctor without delay.

## 5. Fire Fighting Measures

Suitable Extinguishing Media: Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemical

Unsuitable Extinguishing Media: None known.

Specific Hazards arising from the Chemical: This product is a combustible solid.

Special protective equipment for fire fighters: Use personal protective equipment.

Hazardous decomposition: Oxides of carbon.

Special Fire Fighting Procedures: Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus. Spills will be slippery.

## 6. Accidental Release Measures

Personal Precautions: No special measures required.

Environmental Precautions: Avoid contact with large amounts of spilled material runoff with soil & surface waterways.

Methods of cleanup: Absorb with inert material.

## 7. Handling and Storage

Precautions for safe handling: Avoid contact with eyes

Conditions for safe storage: Keep out of reach of children. Keep container tightly closed.

## 8. Exposure Controls and Personal Protection

**Occupational exposure limit values** No exposure standards have been established for this material by Safe Work, Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

**Biological Limit Values** No Biological limit available.

**Appropriate engineering controls** No special engineering controls required.

**Respiratory Protection** Not required under normal conditions of use. Industrial Applications: Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**Eye Protection** Not required. However, avoid eye contact. Industrial Applications: Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 Eye Protectors for Industrial Applications

**Hand Protection** Not required under normal conditions of use. Industrial Applications: Reference should be made to AS/NZS 2161.1: Occupational protective gloves Selection, use and maintenance.

**Body Protection** Not required under normal conditions of use.  
 Industrial Applications: Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Solid	<b>Specific Gravity:</b>	0.93
<b>Colour:</b>	Brown	<b>Vapour Pressure:</b>	n/a
<b>Odour:</b>	characteristic	<b>Volatiles:</b>	n/a
<b>pH:</b>	n/a	<b>Auto Ignition temp:</b>	445°C
<b>Melting Point:</b>	59°C	<b>Solubility in water:</b>	practically insoluble
<b>Flash Point:</b>	238°C	<b>Flammability:</b>	Combustible

## 10. Stability and Reactivity

Chemical Stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid:	High temperatures.
Incompatible Materials:	None known.
Hazardous decomposition products:	Carbon oxides.

## 11. Toxicological Information

Toxicology Information: of Exposure	No toxicity data available for this product.
<u>Potential Health Effects</u>	
Eyes:	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Skin:	Not considered to be hazardous when in contact with skin. However for sensitive individuals, product may cause redness, itching and irritation.
Ingestion:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation:	Unlikely route of exposure, however if product mists or vapours are inhaled may cause irritation of the nose, throat and respiratory system.
Respiratory sensitization:	Not expected to be a respiratory sensitizer.
Skin sensitization:	Not expected to be a skin sensitizer.
Germ cell mutagenicity:	Not considered to be a mutagenic hazard.
Carcinogenicity:	Not considered to be a carcinogenic hazard.
Reproductive toxicity:	Not considered to be toxic to reproduction.

## 12. Ecological Information

Ecotoxicity:	No data available.
Persistence and degradability:	No data available.
Mobility:	No data available.
Environmental Protection:	Prevent large quantities of this material entering waterways, drains and sewers.

## 13 Disposal Considerations

Disposal methods:	The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal Considerations:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

## 14. Transport Information

**UN Number:** This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

## 15. Regulatory Information

Not classified as hazardous according to the Globally Harmonised System of Classification and labeling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**AICS:** All of the significant ingredients in this product are compliant with NICNAS regulations, or exempt.

## 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. Molytec Australia 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.