

Material Safety Data Sheet

Page 1 of 3

Issue date: 2010-10-15

Not classified as Hazardous according to criteria of Worksafe Australia

WOOLUBE GREASE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Technical, Sales and Emergency

AUSTRALIA

WOOLUBE LABORATORIES P/L
ABN: 79088757582
1 Turner Road
Berowra Heights
NSW 2082
Ph: +61-2-94566300
Fax: + 61-2-94566272
E-mail: ghunt@woolube.com.au

EUROPE

+353 – (0)21 4354204

Product Name:	WOOLUBE GREASE
Synonyms:	WOOLGREASE, ANHYDROUS LANOLIN
Suppliers Product Code(s):	WG300T, WG1L, WG4L, WG10L, WG20L, WG200L
Use:	WATER RESISTANT, ANTI CORROSIVE, UNDERWATER and GENERAL PURPOSE GREASE
UN Number:	None allocated
Proper Shipping Name:	None allocated
Dangerous Goods Class:	None allocated
Subsidiary risk:	None allocated
Packing Group:	None allocated
Hazchem Code:	None allocated
Poison Schedule:	None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
LANOLIN ANHYDROUS	98%	8006-54-0
NATURAL ESTER BLEND	2%	N/A

3. HAZARD IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

HAZARD CATEGORY: None allocated

ACUTE HEALTH EFFECTS:

Swallowed: This product is practically non-harmful if swallowed. Considered an unlikely route of entry in commercial or industrial environments.

Eye: May cause slight discomfort to the eyes.

Skin: Will not cause irritation to the skin.

Inhaled: Mists from the product may produce discomfort in the upper respiratory tract Inhalation hazard is increased at elevated temperatures.

Chronic: Very isolated cases of skin sensitisation to lanolin have been reported, however this incidence of allergy is extremely low, (NIOSHTIC) thought to be 'swint' or sheep's' sweat/dandruff, inevitably extracted with the crude lanolin during processing.

4. FIRST AID MEASURES

Swallowed: If swallowed, DO NOT induce vomiting. Give water or milk to rinse out mouth then give liquid slowly and as much as can comfortably be drunk. Seek medical advice.

Eye: If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

Inhaled: Move victim to fresh air. Lay patient down. Keep warm and rested

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

In case of poisoning contact;

In Ireland call the National Poisons Information Centre emergency telephone: 01 8379964.

In the UK call the National Poison Control Service emergency telephone: 0844 8920111.

Material Safety Data Sheet

Page 2 of 3

Issue date: 2010-10-15

Not classified as Hazardous according to criteria of Worksafe Australia

WOOLUBE GREASE

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: May decompose on heating emitting oxides of carbon. May emit acrid smoke.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability: This material is a combustible liquid at elevated temperatures.

Slight fire hazard when exposed to heat or flame

6. ACCIDENTAL RELEASE MEASURES

Minor Spills: Material may be slippery when spilt. Walk cautiously. Collect and seal in properly labelled containers for disposal.

Major spills: Wear impervious gloves and safety glasses. Prevent by Bunding or damming or by any other means, spillage from entering drains or watercourses. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect residues and seal in labelled drums for disposal. Wash spill area thoroughly with water and suitable detergent.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) for this product or any of the components:

Engineering Controls:

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment:

GLOVES: Not normally required, however, if handling large quantities or if the skin is likely to be exposed to this product over prolonged periods, then the use of PVC or natural rubber is recommended.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a dust mask (disposable) or a half-face respirator with P1 filter is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellowish, tenacious, semisolid fatty substance with a slight characteristic odour	
Boiling Point Melting Point:	175oC (decomposition)	
Vapour Pressure:	Not available	
Specific Gravity:	0.89 - 0.95	
Flash Point:	232 - 238oC	Complies with Flash Point Determination in accordance with AS 2106.2:1999 using the Pensky-Martens apparatus conducted by Department of Mineral Resources, Mine Safety Laboratory.
Flammability Limits:	Not available	
Solubility in Water:	Immiscible	

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits smoke and fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Oxidizing agents.

CONDITIONS TO AVOID: High temperatures and incompatibles.

Material Safety Data Sheet

Page 3 of 3

Issue date: 2010-10-15

Not classified as Hazardous according to criteria of Worksafe Australia

WOOLUBE GREASE

11. TOXICOLOGICAL INFORMATION

None allocated

12. ECOLOGICAL INFORMATION

100% Biodegradable

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Suitable for disposal by an approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Subsidiary risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT (US), IACO (IATA) or IMO (IMDG).

15. REGULATORY INFORMATION

RISK PHRASES: None allocated
SAFETY PHRASES: None allocated

16. OTHER INFORMATION

Approval No. IOA 5050 Commonwealth of Australia, Export Control Act 1982

High voltage testing by Energex resulted in the following:

Dry Leakage Test 70KV/300mm..... 9.3 mA
Wet Leakage Test 70KV/300mm..... 9.3 mA

This MSDS is prepared in accordance with Annex 4: Guidance on the preparation of Safety Data Sheets (SDS) of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.