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| Infosafe No™ | 1CH3K | Issue Date : March 2014 | RE-ISSUED by CHEMSUPP |
|--------------|-------|-------------------------|-----------------------|

Product Name : **LANOLIN**

Not classified as hazardous

**1. Identification**

**GHS Product Identifier** LANOLIN

**Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)

**Address** 38 - 50 Bedford Street GILLMAN  
SA 5013 Australia

**Telephone/Fax Number** Tel: (08) 8440-2000  
Fax: (08) 8440-2001

**Recommended use of the chemical and restrictions on use** Ointments, leather finishing, soaps, face creams, facial tissues, hair-set, suntan preparations and laboratory reagent.

**Other Names****Name****Product Code**

LANOLIN Anhydrous LR  
LANOLIN Anhydrous BP  
Wool fat  
Wool grease  
Wool alcohol  
Wood wax ester  
Wool wax  
Glossylan  
Golden dawn  
Nodorian  
Sparklelan

LL003  
LP003

**Other Information**

EMERGENCY CONTACT NUMBER: +61 08 8440 2000  
Business hours: 8:30am to 5:00pm, Monday to Friday.

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

**2. Hazard Identification**

**GHS classification of the substance/mixture** Not classified as hazardous according to the criteria of Hazardous Substances Information System (HSIS), Safe Work Australia.  
Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

**3. Composition/information on ingredients**

| Chemical Characterization | Solid   |           |            |               |             |
|---------------------------|---------|-----------|------------|---------------|-------------|
| Ingredients               | Name    | CAS       | Proportion | Hazard Symbol | Risk Phrase |
|                           | Lanolin | 8006-54-0 | 100 %      |               |             |

**4. First-aid measures**

**Inhalation** Remove to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice if effects persist.

**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 skin with soap and water. If persistent irritation occurs, obtain medical attention.

**Eye contact** If burnt by hot wax, immediately cool under cold water to dissipate heat and seek medical aid. Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

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

**Advice to Doctor** Treat symptomatically.



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**Other Information** For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

**5. Fire-fighting measures**

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

**Specific Methods** Small fire: Use dry chemical, CO<sub>2</sub>, 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 the fire is out.

**Specific hazards arising from the chemical** May burn but do not ignite readily. Containers may explode when heated. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive gases.

**Precautions in connection with Fire** Wear SCBA and structural firefighter's uniform.

**6. Accidental release measures**

**Spills & Disposal** Stop leak if safe to do so. Sweep up or absorb material, and place into a 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** Only use in well-ventilated areas.

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

**8. Exposure controls/personal protection**

**Other Exposure Information** A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by NOHSC Australia for this product. There is a blanket limit of 10 mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established.

**Appropriate engineering controls** In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

**Respiratory Protection** Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

**Eye Protection** The use of a face shield, chemical goggles or safety glasses with side shield 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 AS 2161, Occupational protective gloves - Selection, use and maintenance.

**Body Protection** Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

**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, solid.

**Odour** Slightly, characteristic.

**Melting Point** 35-45 °C

**Solubility in Water** Practically insoluble. Mixes with about twice its weight of water without separation.



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|---------------------------------------|--|
| <b>Solubility in Organic Solvents</b> | Freely soluble in benzene, chloroform, ether, carbon disulfide, acetone and petroleum ether. Sparingly soluble in cold alcohol; more soluble in hot alcohol. |
| <b>Specific Gravity</b>               | 0.93   |
| <b>Flash Point</b>                    | 238 °C   |
| <b>Flammability</b>                   | Combustible.   |
| <b>Auto-Ignition Temperature</b>      | 445 °C   |
| <b>Other Information</b>              | Saponification value: 90 - 105.  |

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**10. Stability and reactivity**

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|---|------------------------------------|
| <b>Chemical Stability</b>               | Stable under normal use conditons. |
| <b>Conditions to Avoid</b>              | High temperatures. Incompatibles.  |
| <b>Hazardous Decomposition Products</b> | Carbon oxides.                     |
| <b>Hazardous Polymerization</b>         | Will not occur.                    |

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**11. Toxicological Information**

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|------------------------------|--|
| <b>Acute Toxicity - Oral</b> | LD50 (rat): >2000 mg/kg.   |
| <b>Ingestion</b>             | May be harmful if swallowed. May cause irritation. Large oral dosages may produce gastrointestinal disturbances.                 |
| <b>Inhalation</b>            | May be harmful if inhaled. May cause upper respiratory irritation. May cause chemical pneumonitis.                               |
| <b>Skin</b>                  | May be harmful if absorbed through the skin. May cause skin irritation. May cause an allergic reaction in sensitive individuals. |
| <b>Eye</b>                   | May be harmful. May cause irritation.  |
| <b>Carcinogenicity</b>       | No evidence of carcinogenic properties.  |
| <b>Mutagenicity</b>          | No evidence of mutagenic properties.   |

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**12. Ecological information**

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| <b>Ecotoxicity</b> | No ecological data available for this product. |
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**13. Disposal considerations**

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|--------------------------------|---|
| <b>Disposal Considerations</b> | Dispose of according to relevant local, state and federal government regulations. |
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**14. Transport information**

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| <b>Transport Information</b> | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
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**15. Regulatory information**

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|-------------------------|---------------|
| <b>Poisons Schedule</b> | Not Scheduled |
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**16. Other Information**

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|                              |   |
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| <b>Literature References</b> | 'Standard for the Uniform Scheduling of Medicines and Poisons No. 4', Commonwealth of Australia, June 2013.<br>Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.<br>National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.<br>'Labelling of Hazardous Workplace Chemicals, Code of Practice' Safe Work Australia.<br>Standards Australia 'AS 1940-2004 The Storage and Handling of Flammable and Combustible Liquids.<br>Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.<br>Worksafe Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]'.<br>Worksafe Australia, 'Hazardous Substances Information System, 2005'.<br>Worksafe Australia, 'National Code of Practice for the Labelling of Workplace Hazardous Substances |
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# Safety Data Sheet

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**Contact  
Person/Point**

(2011)'.  
Paul McCarthy Ph. (08) 8440 2000

Worksafe Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]'.

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