

LANOLIN ANHYDROUS – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product name	Lanolin Anhydrous
Identification of the product	CAS# 8006-54-0
Formula	Composed mainly of high molecular weight esters and some sterols
Product Description	Pale yellow substance with little intrinsic odour

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance/mixture	
GHS Classification	
Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified
Label elements	
Symbols	No hazard pictogram is used.
Signal Word(S):	No signal word is used.
Hazard Statement:	Not applicable.
Precautionary statement	
Prevention:	Not applicable.
Response:	Not applicable.
Storage:	Not applicable.
Disposal:	Not applicable.
Other hazards :	No hazardous effects on health and environment known

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition	Range
Substance/Mixture:	Substance
CAS No	8006-54-0
CTFA adopted name:	Lanolin
Health Hazardous Components (specific identity, common name, weight %):	None

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

In case of inhalation:	If breathed in, move person into fresh air. Consult a physician if you feel unwell.
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician if you feel unwell.
In case of eyes contact:	Flush eyes with plenty of water for at least 15 minutes. Consult a physician if you feel unwell.
In case of ingestion:	No measures necessary if slightly ingested. Allowed as food additive. If some problems resist, consult a physician.

Most important symptoms and effects, both acute and delayed: The product is not classified as harmful to human health effect.

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SECTION 5 FIREFIGHTING MEASURES

Suitable extinguishing media	Water, foam, carbon dioxide, dry powder, sandy soil.
Unsuitable extinguishing media	Not available
Special hazards arising from the chemical	In case of fire the following can develop: carbon oxides.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental precautions:	Do not discharge into sewage / drainage system.
Methods and materials for containment and cleaning up:	Remove with liquid-absorbing material (sand, sawdust) , place in a bag and hold for waste disposal. Consult a specialist waste disposal firm for disposal of recovered material. Remove any leaking containers to a safe place, if feasible.
Precautions to prevent the occurrence of secondary hazards:	Not available.

SECTION 7 HANDLING AND STORAGE

Precautions	General hygiene measures for the handling of chemicals are applicable. Avoid breathing metal fume and/or dust. Use personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Do not get this material in contact with eyes. Use personal protection recommended in Section 8 of the SDS.
Suitable storage	Store in a cool, dry, well-ventilated area away from incompatible substances. Avoid moisture. Avoid direct sunlight. Storage temperature below 25 °C, relative humidity less than 75%. Keep away from oxidants, reducing agents, reactive metal powders, alcohols.

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Occupational exposure limits: Not available

Engineering controls: Ensure adequate ventilation. If engineering controls alone can't reduce exposure levels to below the OELs wear appropriate respirator.

Personal protection equipment

Respiratory protection: Wear approved dust and fume respirator to avoid excessive inhalation of particles.

Hand protection: Wear appropriate leather gloves.

Eye protection: Wear safety goggles.

Skin and body protection: Wear appropriate protective clothing.

Hygiene measures: Do not get in eyes. Wash hands before breaks and immediately after handling the product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Viscosity (cSt) (50°C)	200 to 400	Colour	pale yellow
Density (g/cm ³) (50°C)	0.908	Odour	weak, characteristic
Melting Point (°C)	See product Specification	Flashpoint	above 200 deg C
Vapour Pressure	Nil at room temperature	Ignition temperature	above 275 deg C
Appearance	wax	Boiling temperature	ca.275
Solubility	Insoluble in cold water, hot water. Soluble in diethyl ether, hot water. Soluble in Chloroform, Petroleum Ether, Benzene, Hot Alcohol, Carbon Disulfide, Sparingly Soluble in Cold Alcohol.		

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Fire, heat. Incompatible materials.
Incompatible materials:	Oxidants, reductants, active metal powder, alcohols, Nitric acid and sulfuric acid.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide (CO, CO ₂).
Hazardous Reactions:	No dangers known

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SECTION 11 TOXICOLOGICAL INFORMATION

Oral: LD50 expected to be > 2000 mg/kg (rat)
 Dermal: Non-toxic by dermal route
 Inhalation: Not available
 Skin: Expected to be essentially not-irritating
 Eye: Expected to be a mild transient irritant if no wash out.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity:	Water hazard class 0(acc. Vw/vS dd. 17.05.1999)
Persistence and degradability:	Biodegradable O2 needed: Biochemical (BSB) 1261 mgO2/g Chemical (CSB) 3147 mgO2/g
Bioaccumulative potential:	No bioaccumulation
Mobility in soil:	No danger of contamination of groundwater
Results of PBT and vPvB Assessment:	No assessment necessary.
Other adverse effects:	No data available

SECTION 13 DISPOSAL CONSIDERATION

Waste Material: Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.

SECTION 14 TRANSPORT INFORMATION

	Land transport (ADR/RID) (ADR/RID)	Sea transport (IMDG) (IMDG)	Air transport (ICAO/IATA) (ICAO/IATA)
UN-Number:	Not regulated	Not regulated	Not regulated
UN Proper shipping name:	Not regulated	Not regulated	Not regulated
Transport hazard Class:	Not regulated	Not regulated	Not regulated
Packaging group:	Not regulated	Not regulated	Not regulated
Environmental hazards:	No	No	No
Special precautions for user:	See section 2.2	See section 2.2	See section 2.2

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
 IECSC(China Existing Chemical Inventory): lanolin is included in IECSC inventory.
 EINECS(European Inventory of Existing commercial Chemical Substances): lanolin is not included in inventory.
 ELINCS/NLP /ELINCS (European List of Notified Chemical Substances) / NLP (No-Longer Polymers):
 EPA TSCA (Toxic Substances Control Act): lanolin is included in TSCA inventory.
 Canada DSL / NDSL (Domestic/ Non-Domestic Substances List): lanolin is included in DSL/NDSL inventory.
 GB 12268-2012 List of dangerous goods: This chemical is not included in GB 12268-2012 list of dangerous goods.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.