

MATERIAL SAFETY DATA SHEET

LIQUID LANOLIN

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: LIQUID LANOLIN
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 1/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Liquid Lanolin Composed mainly of high molecular weight esters and some sterols
Molecular Weight: 790-880
Hazardous Components: None
CAS #: 70321-63-0
EINECS #: 274-559-6
INCI Name: Lanolin Oil

3. HAZARDS IDENTIFICATION

Health Hazards: Non-Irritant
Environmental Hazards: None. Liquid lanolin is substantially biodegradable in conventional biological purification treatment.

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and water
Ingestion: No harmful effects expected. If large amounts were swallowed, get medical advice.
Inhalation: No emergency care anticipated
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): 280°C, Closed Cup
Auto Ignition Temperature: Not determined
Explosion Limits: Non-flammable, but will burn if heated to high temperatures
Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Special Firefighting Procedures:	Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.
Hazardous Combustion Products:	CO and/or CO ₂
Unusual Fire & Explosion Hazards:	Keep free of ignition sources.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:	Ventilate area. Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water to prevent slip/fall hazard.
---------------------------------	--

7. HANDLING AND STORAGE

Handling

Safe Handling:	Keep away from sources of ignition and open flames.
-----------------------	---

Storage

Requirements for Storage Areas and Containers:	Store in a cool, dry, ventilated location, in a sealed container.
---	---

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Safety glasses should be worn.
Skin/Body:	Oil resistant gloves should be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if heating product.
Ventilation:	A mechanical exhaust/ventilation or fume collection system may be used if deemed necessary according to application.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling non-hazardous liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, viscous
Color:	Clear, amber
Odor:	Characteristic, fatty
Solubility in Water:	Insoluble
Viscosity (cST) (50° C)	300-500
Density (g/cm³) (50° C)	0.933
Cloud Point:	15-20° C
Vapor Pressure:	Nil at room temperature

10. STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage
Conditions to Avoid:	Excessive heat and flames
Incompatibility (Materials to Avoid):	Avoid concentrated nitric or sulphuric acid and strong oxidizers
Hazardous Decomposition or Byproducts:	Carbon dioxide and carbon monoxide may form when heated to decomposition.
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Harmful Effects:	Ingestion: No harmful effects expected Inhalation: No harmful effects expected
Irritancy:	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant
Acute Oral: (Rat)	LD50 is greater than the maximum practical dose of 16g/kg
Name of toxicologically synergistic products:	N/A

12. ECOLOGICAL INFORMATION

Biodegradation:	Expected to be ultimately biodegradable
------------------------	---

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Material is not considered hazardous under federal regulations. Do not put into sewer lines. Dispose of according to local, state and federal regulations.
--------------------------------	--

14. TRANSPORT INFORMATION

DOT Classification:	Not regulated;
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Hazard:	This products does not constitute a hazardous substance in National/International road, rail, sea or air transport.

15. REGULATORY INFORMATION

Labeling of Packaging:	This product does not require a hazards warning label in accordance with EC Directives/German Regulations on dangerous substances.
-------------------------------	--

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.