# SDS #: 429.00 Revision Date: February 6, 2014

# SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION Lanolin Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261 Pictograms CHEMTREC Emergency Phone Number: (800) 424-9300 Signal Word N/A SECTION 2 — HAZARDS IDENTIFICATION This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed. Product should be treated as a chemical and is not for topical use as it has been stored with other nonfood-grade chemicals.

# SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

| Component Name    | CAS Number | Formula   | Formula<br>Weight | Concentration |
|-------------------|------------|---|-------------------|---------------|
| Lanolin           | 8006-54-0  | Mixture of esters of<br>fatty acids with<br>high molecular<br>weight alcohols | Mixture           |               |
| Synonym: Wool fat |            |   |                   |               |

## SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If on skin: Wash with plenty of water.

If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

#### **SECTION 5 — FIRE FIGHTING MEASURES** NFPA CODE Class IIIB combustible solid. Flash point: 238 °F Autoignition Temperature: 445 °F H-1 When heated to decomposition, may emit toxic fumes. F-1 In case of fire: Use a tri-class dry chemical fire extinguisher. **R-0**

# SECTION 6 — ACCIDENTAL RELEASE MEASURES

Sweep up the spill, place in a sealed bag or container, and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

Lanolin

## SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #3. Store with hydrocarbons, oils, esters and aldehydes. Store in a cool, dry place. Store in a Flinn Chem-Saf<sup>TM</sup> bag.

# SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes. Wash hands thoroughly after handling.

# SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Moist yellow solid. Shoe polish odor. Soluble: Many organic solvents. Practically insoluble in water. Boiling point: 175 °C (decomposes) Melting point: 38-42 °C Specific gravity: 0.95 Not for human use.

# SECTION 10 — STABILITY AND REACTIVITY

Shelf life: Good, if kept cool and dry.

# SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Aspiration or inhalation may cause chemical pneumonitis. Chronic effects: N.A. Target organs: N.A. ORL-RAT LD<sub>50</sub>: N.A. IHL-RAT LC<sub>50</sub>: N.A. SKN-RBT LD<sub>50</sub>: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

## SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

#### SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding. Flinn Suggested Disposal Method #26a is one option.

## SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

#### N/A = Not applicable

## SECTION 15 — REGULATORY INFORMATION

#### TSCA-listed, EINECS-listed (232-348-6).

# SECTION 16 — OTHER INFORMATION

This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals. **Revision Date:** February 6, 2014

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