SECTION 1: Identification of the substance/mixture and of the supplier

Product name: Lanolin, Anhydrous

Manufacturer/Supplier Trade name:

Manufacturer/Supplier Article number: S25376

Recommended uses of the product and restrictions on use:

Manufacturer Details:
AquaPhoenix Scientific, Inc
9 Barnhart Drive, Hanover, PA 17331
(717) 632-1291

Supplier Details:
Fisher Science Education
6771 Silver Crest Road, Nazareth, PA 18064
(724)517-1954

Emergency telephone number:
Fisher Science Education
Emergency Telephone No.: 800-535-5053

SECTION 2: Hazards identification

Classification of the substance or mixture: Not classified for physical or health hazards according to GHS.

Signal word: None

Hazard statements: None

Precautionary statements:
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Other Non-GHS Classification:

WHMIS
None

NFPA/HMIS

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

NFPA SCALE (0-4)  HMIS RATINGS (0-4)

SECTION 3: Composition/information on ingredients

Ingredients:
SECTION 4: First aid measures

Description of first aid measures

After inhalation:
Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.

After skin contact:
Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

After eye contact:
Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing:
Rinse mouth thoroughly. Seek medical attention if irritation, discomfort, or vomiting persists. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

Indication of any immediate medical attention and special treatment needed:
If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:
Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

 Unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture:
Thermal decomposition can lead to release of irritating gases and vapors.

Advice for firefighters:
Protective equipment:
Wear protective eyewear, gloves, and clothing. Refer to Section 8. Use NIOSH-approved respiratory protection/breathing apparatus.

Additional information (precautions):
Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions:
Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:
Safety Data Sheet
according to 29CFR1910/1200 and GHS Rev. 3

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Wear protective eyeware, gloves, and clothing. Refer to Section 8. Use spill berms to contain spill and absorb spill from outside working way towards center. Place in appropriate container for disposal. For disposal, refer to Section 13.

Reference to other sections: None

SECTION 7: Handling and storage

Precautions for safe handling:
Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8.

Conditions for safe storage, including any incompatibilities:
Keep container tightly sealed. Store away from incompatible materials. Store with similar hazards. Store in cool, dry place.

SECTION 8: Exposure controls/personal protection

Control Parameters: 8006-54-0, Lanolin, anhydrous, This material has no known Exposure Limits.

Appropriate Engineering controls: Provide adequate ventilation. Ensure eye wash and safety showers are available.

Respiratory protection: Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

Protection of skin: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Eye protection: Safety glasses or goggles are appropriate eye protection.

General hygienic measures: Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (physical state, color)</td>
<td>Yellow paste</td>
</tr>
<tr>
<td>Explosion limit lower:</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Explosion limit upper:</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor pressure at 20°C:</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Odor:</td>
<td>Slight characteristic odor</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not Determined</td>
</tr>
<tr>
<td>pH-value:</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Relative density:</td>
<td>0.932-0.945</td>
</tr>
<tr>
<td>Melting/Freezing point:</td>
<td>38-44°C</td>
</tr>
<tr>
<td>Solubilities:</td>
<td>Not water soluble.</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>
Lanolin, Anhydrous

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point (closed cup)</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Auto/Self-ignition temperature</td>
<td>445°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Flammability (solid, gaseous)</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>a. Kinematic: Not Determined</td>
</tr>
<tr>
<td></td>
<td>b. Dynamic: Not Determined</td>
</tr>
<tr>
<td>Density at 20°C</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

**SECTION 10: Stability and reactivity**

**Reactivity:**
Nonreactive under normal conditions.

**Chemical stability:**
Stable under normal conditions.

**Possible hazardous reactions:**
None under normal processing.

**Conditions to avoid:**
Incompatible materials. High temperatures.

**Incompatible materials:**
Strong oxidizers.

**Hazardous decomposition products:**
Oxides of carbon.

**SECTION 11: Toxicological information**

**Acute Toxicity:** No additional information.

**Chronic Toxicity:** No additional information.

**Corrosion Irritation:** No additional information.

**Sensitization:** No additional information.

**Numerical Measures:** No additional information.

**Carcinogenicity:**
Lanolin, anhydrous 8006-54-0: Not listed as a carcinogen (ACGIH, IARC, NTP)

**Mutagenicity:** No additional information.

**Reproductive Toxicity:** No additional information.

**SECTION 12: Ecological information**

**Ecotoxicity:** No additional information.

**Persistence and degradability:**
Not Determined.

**Bioaccumulative potential:**
Not Determined.

**Mobility in soil:**
Not Determined.

**Other adverse effects:**
Not Determined.
SECTION 13: Disposal considerations

Waste disposal recommendations:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

SECTION 14: Transport information

**US DOT**

**UN Number:**
ADR, ADN, DOT, IMDG, IATA  
Not Regulated

**Limited Quantity Exception:**
None

**Bulk:**  
RQ (if applicable): None  
Proper shipping Name: Not Regulated.  
Hazard Class: None  
Packing Group: Not Regulated.  
Marine Pollutant (if applicable): No additional information.  
Comments: None

**Non Bulk:**  
RQ (if applicable): None  
Proper shipping Name: Not Regulated.  
Hazard Class: None  
Packing Group: Not Regulated.  
Marine Pollutant (if applicable): No additional information.  
Comments: None

SECTION 15: Regulatory information

**United States (USA)**

**SARA Section 311/312 (Specific toxic chemical listings):**
None of the ingredients are listed.

**SARA Section 313 (Specific toxic chemical listings):**
None of the ingredients are listed.

**RCRA (hazardous waste code):**
None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):**
All ingredients are listed.

**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):**
None of the ingredients are listed.

**Proposition 65 (California):**

**Chemicals known to cause cancer:**
None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**
None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**
None of the ingredients are listed.
Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL):
All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%):
None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%):
None of the ingredients are listed.

SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

GHS Full Text Phrases: None

Abbreviations and Acronyms:

- PNEC Predicted No-Effect Concentration (REACH).
- SARA Superfund Amendments and Reauthorization Act (USA).
- RCRA Resource Conservation and Recovery Act (USA).
- TSCA Toxic Substances Control Act (USA).
- NPRI National Pollutant Release Inventory (Canada).
- DOT US Department of Transportation.
- IATA International Air Transport Association.
- GHS Globally Harmonized System of Classification and Labelling of Chemicals.
- ACGIH American Conference of Governmental Industrial Hygienists.
- CAS Chemical Abstracts Service (division of the American Chemical Society).
- NFPA National Fire Protection Association (USA).
- HMIS Hazardous Materials Identification System (USA).
- WHMIS Workplace Hazardous Materials Information System (Canada).
- DNEL Derived No-Effect Level (REACH).

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Last updated: 06.17.2015