Dear Customer,

This File Contains Both The ANSI Material Safety Data Sheet and The GHS Safety Data Sheet For The Same Product

Spectrum is currently transitioning all chemical product labeling from the ANSI\(^1\) format to the GHS\(^2\) format (see note below). In order to ensure that you receive complete labeling during the transition, we have included both the ANSI MSDS and the GHS SDS in a single file. The ANSI MSDS is given first, followed by the GHS SDS. Please use whichever matches the container label.

Why It Matters:

The complete precautionary labeling for this chemical consists of BOTH the label on the container AND the matching Material Safety Data Sheet (for ANSI labels) or Safety Data Sheet (for GHS labels). Both elements of the labeling [Label + (M)SDS] are written to be read and understood together, so as to provide complete precautionary information. It is intended for you to read and understood BOTH before handling or using the chemical.

Picking the Right One: 2 Easy Ways To Tell Whether Your Container Has an ANSI Label or a GHS Label

1) GHS labels: any pictogram displayed in the upper left-hand corner will be inside a red diamond. ANSI labels: pictograms, if present, will be inside individual black boxes.

2) GHS labels: on the bottom of the right-hand panel of the label, locate the Lot Number. Directly to the left will be a string of control characters, followed by a single letter. For GHS labels, the string of characters will end in "GHS:"

---

**Label in ANSI Format**

---

**C O R P O R A T E  O F F I C E S**

14422 South San Pedro Street
Gardena, California 90248
PHONE 310.516.8000
FAX 310.516.9843

AN ISO 9001:2008 REGISTERED COMPANY  www.spectrumchemical.com
Sincerely,

Regulatory Affairs

---

1 American National Standards Institute
2 Globally Harmonized System for Hazard Communication
SAFETY DATA SHEET

Preparation Date: 01/29/2015
Revision Date: 1/29/2015
Revision Number: G1

Product identifier

Product code: P1037
Product Name: PETROLATUM, WHITE, FCC

Other means of identification

Synonyms: White Vaseline; White Protopet; Vasoliment; Vaseline; Ultima White; Saxoline; Snow White; Petroleum Jelly; Protopet, white; Mineral Jelly; Mineral Fat; Mineral Wax; Paraffin Jelly

CAS #: 8009-03-8
RTECS #: SE6780000
CI#: Not available

Recommended use of the chemical and restrictions on use

Uses advised against: No information available

Supplier: Spectrum Chemicals and Laboratory Products, Inc.
14422 South San Pedro St.
Gardena, CA 90248
(310) 516-8000

Order Online At: https://www.spectrumchemical.com

Emergency telephone number: Chemtrec 1-800-424-9300
Contact Person: Martin LaBenz (West Coast)
Contact Person: Ibad Tirmiz (East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Not classified

Hazards not otherwise classified (HNOC)
Not Applicable

Other hazards
May be harmful in contact with skin
May be harmful if inhaled

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>8009-03-8</td>
<td>100</td>
<td>*</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**First aid measures**

**General Advice:** Poison information centres in each State capital city can provide additional assistance for scheduled poisons (13 1126)

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops. Consult a physician if necessary.

**Eye Contact:** Flush eye with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Health injuries are not known or expected under normal use. May cause digestive (gastrointestinal) tract irritation. May cause slight eye irritation.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician:** Treat symptomatically

**Protection of first-aiders**

**First-Aid Providers:** Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical. Water spray mist or foam.

**Unsuitable Extinguishing Media:** No information available.

**Specific hazards arising from the chemical**

**Hazardous Combustion Products:** No information available.

**Specific hazards:** May be combustible at high temperatures. May be ignited by heat, sparks or flames.

**Special Protective Actions for Firefighters**

Product code: P1037  Product name: PETROLATUM, WHITE, FCC
Specific Methods: No information available.

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk.

Methods for cleaning up Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Keep away from incompatible materials.

Safe Handling Advice: Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe vapours/dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

Incompatible Materials: Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

<table>
<thead>
<tr>
<th>Components</th>
<th>OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>AIHA WHEEL</th>
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<tbody>
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<td>None</td>
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<td>None</td>
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</table>

Canada

<table>
<thead>
<tr>
<th>Components</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white - 8009-03-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Product code: P1037 Product name: PETROLATUM, WHITE, FCC
Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection: Safety glasses with side-shields.

Skin and body protection: Long sleeved clothing. Chemical resistant apron. Gloves.

Respiratory protection: Respiratory protection is not necessary for normal handling. Good room ventilation or use of local exhaust (fume hood) is sufficient.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid.

Appearance: Semisolid. Unctuous mass.


Odor: Practically odorless.

Taste: Practically tasteless.

Molecular/Formula weight: No information available

Flash point (°C): 185

Flashpoint (°C/°F): 185°C/365°F

Stability:
Stable at normal conditions

Possibility of Hazardous Reactions:
Hazardous polymerization does not occur

Conditions to avoid:

Incompatible Materials:
Oxidizing agents.

Hazardous decomposition products:
No information available

Odor threshold (ppm):
No information available

Partition coefficient (n-octanol/water):
No information available

Viscosity:
No information available

Lower Explosion Limit (%):
No information available

Upper Explosion Limit (%):
No information available

Decomposition temperature(°C/°F):
No information available

Specific gravity:
0.820 - 0.865 @ 25°C (Merck Index)
0.815 - 0.880 @ 60°C (Spectrum Laboratory Products & Chemicals - product specifications)

Boiling point/range(°C/°F):
No information available

Decomposition temperature(°C/°F):
No information available

Miscibility:
No information available

Solubility:
Insoluble in cold water
Insoluble in hot water
Practically insoluble in alcohol
Practically insoluble in Glycerol
Soluble in Benzene
Soluble in Carbon Disulfide
Soluble in Chloroform
Soluble in diethyl ether
Soluble in Petroleum Ether
Soluble in Oils

Miscibility:
No information available

Vapor pressure @ 20°C (kPa):
No information available

Density (g/cm3):
0.815-0.880 @ 60°C

Vapor density:
No information available

VOC content (g/L):
No information available

Density (g/cm3):
0.815-0.880 @ 60°C

Autoignition Temperature (°C/°F):
No information available

pH:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

pH:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.

Formula:
No information available

Melting point/range(°C/°F):
36°-60°C/96.8°-140.0°F

Taste:
Practically tasteless.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Ingestion. Skin.

Acute Toxicity

Component Information

Petrolatum, white - 8009-03-8
- LD50/oral/rat = No information available
- LD50/oral/mouse = No information available
- LD50/dermal/rabbit = 3600 mg/kg Dermal LD50 Rabbit
- LD50/dermal/rat = No information available
- LC50/inhalation/rat = No information available
- LC50/inhalation/mouse = No information available
- Other LD50 or LC50 information = >50 g/kg, intraperitoneal, mouse

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = No information available

LD50/oral/mouse =
Value - Acute Tox Oral = No information available

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = 3600mg/kg

LD50/dermal/rat
VALUE -Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Not likely to cause skin irritation. May cause skin irritation in sensitive individuals. It does not readily penetrate the skin.
Eye Contact: May cause eye irritation. May cause slight irritation.

Inhalation Health injuries are not known or expected under normal use. Since petrolatum is semisolid, unctuous mass, it is not considered an inhalation hazard. If it is misted, inhalation of the mist or nebulized particles may cause respiratory tract irritation. Symptoms may include coughing, breathing difficulty and chest pain.

Ingestion Health injuries are not known or expected under normal use. Ingestion of large amounts may cause gastrointestinal tract irritation.

Aspiration hazard No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Chronic Toxicity** While petrolatum is regarded to be biologically inert and nonallergenic or non-sensitizing, there have been some cases of allergic contact dermatitis.

**Sensitization:** No information available

**Mutagenic Effects:** No information available

**Carcinogenic effects:** Not considered carcinogenic

<table>
<thead>
<tr>
<th>Components</th>
<th>ACGIH - Carcinogens</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA HCS - Carcinogens</th>
<th>Australia - Prohibited Carcinogenic Substances</th>
<th>Australia - Notifiable Carcinogenic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**Reproductive toxicity** No data is available

**Reproductive Effects:** No information available

**Developmental Effects:** No information available

**Teratogenic Effects:** No information available

**Specific Target Organ Toxicity**

**STOT - single exposure** No information available

**STOT - repeated exposure** No information available

**Target Organs:** No information available

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Ecotoxicity effects:** No data available.

**Persistence and degradability:** No information available

**Bioaccumulative potential:** No information available

**Mobility:** No information available
13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:
Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging:
Empty containers should be taken for local recycling, recovery or waste disposal

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
UN-No: Not Regulated
Proper Shipping Name: No information available
Hazard Class: No information available
Subsidiary Risk: Not applicable
Packing Group: None
ERG No: No information available
Marine Pollutant: No data available
DOT RQ (lbs): No information available

TDG (Canada)
UN-No: Not Regulated
Proper Shipping Name: No information available
Hazard Class: No information available
Subsidiary Risk: No information available
Packing Group: No information available
Description: No information available

ADR
UN-No: Not Regulated
Proper Shipping Name: No information available
Hazard Class: No information available
Packing Group: No information available
Subsidiary Risk: No information available
Classification Code: No information available
Description: No information available
CEFIC Tremcard No: No information available

IMO / IMDG
UN-No: Not Regulated
Proper Shipping Name: No information available
Hazard Class: No information available
Subsidiary Risk: No information available
Packing Group: No information available
Description: No information available
IMDG Page: No information available
Marine Pollutant: No information available
MFAG: No information available
Maximum Quantity: No information available

Product code: P1037  Product name: PETROLATUM, WHITE, FCC
14. TRANSPORT INFORMATION

**RID**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Classification Code:** No information available
- **Description:** No information available

**ICAO**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

**IATA**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

15. REGULATORY INFORMATION

**International Inventories**

<table>
<thead>
<tr>
<th>Components</th>
<th>U.S. TSCA</th>
<th>KOREA KECL</th>
<th>Philippines (PICCS)</th>
<th>Japan ENCS</th>
<th>CHINA</th>
<th>Australia (AICS)</th>
<th>EINECS-No.</th>
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</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>Present</td>
<td>Present KE-28170</td>
<td>Not present</td>
<td>Present (2)-10 (9)-1692 (9)-1693</td>
<td>Present</td>
<td>Present</td>
<td>Present 232-373-2</td>
</tr>
</tbody>
</table>

**U.S. Regulations**

**California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.**

**Chemicals Known to the State of California to Cause Cancer:**
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

**Chemicals Known to the State of California to Cause Reproductive Toxicity:**
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

<table>
<thead>
<tr>
<th>Components</th>
<th>Carcinogen</th>
<th>Developmental Toxicity</th>
<th>Male Reproductive Toxicity</th>
<th>Female Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**CERCLA/SARA**

<table>
<thead>
<tr>
<th>Components</th>
<th>CERCLA - Hazardous Substances and their Reportable Quantities</th>
<th>Section 302 Extremely Hazardous Substances and TPQs</th>
<th>Section 302 Extremely Hazardous Substances and RQs</th>
<th>Section 313 - Chemical Category</th>
<th>Section 313 - Reporting de minimis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Product code:** P1037  
**Product name:** PETROLATUM, WHITE, FCC
U.S. TSCA

<table>
<thead>
<tr>
<th>Components</th>
<th>TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)</th>
<th>TSCA 8(d) - Health and Safety Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Canada

WHMIS hazard class:
Non-controlled

Petrolatum, white
Uncontrolled product according to WHMIS classification criteria

Canada Controlled Products Regulation:
This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Inventory

<table>
<thead>
<tr>
<th>Components</th>
<th>Canada (DSL)</th>
<th>Canada (NDSL)</th>
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</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
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<table>
<thead>
<tr>
<th>Components</th>
<th>CEPA Schedule I - Toxic Substances</th>
<th>CEPA - 2010 Greenhouse Gases Subject to Manditory Reporting</th>
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</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

EU Classification

R-phrase(s)
R45 - May cause cancer.

S -phrase(s)
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53 - Avoid exposure - obtain special instructions before use.

<table>
<thead>
<tr>
<th>Components</th>
<th>Classification</th>
<th>Concentration Limits:</th>
<th>Safety Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum, white</td>
<td>Carc.Cat.2; R45</td>
<td>No information</td>
<td>S53 S45</td>
</tr>
</tbody>
</table>

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:
T - Toxic

T

16. OTHER INFORMATION
Disclaimers:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet
# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Common Name/ Trade Name</th>
<th>Petrolatum, white</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number(s).</td>
<td>P1037, PE125</td>
</tr>
<tr>
<td>CAS#</td>
<td>8009-03-8</td>
</tr>
<tr>
<td>RTECS</td>
<td>SE6780000</td>
</tr>
<tr>
<td>TSCA</td>
<td>TSCA 8(b) inventory: Petrolatum, white</td>
</tr>
<tr>
<td>CI#</td>
<td>Not available.</td>
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</table>

### Manufacturer
SPECTRUM LABORATORY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

### Commercial Name(s)
Not available.

### Synonym
- White Vaseline; White Protopet; Vasoliment; Vaseline; Ultima White; Saxoline; Snow White; Petroleum Jelly; Protopet, white; Mineral Jelly; Mineral Fat; Mineral Wax; Paraffin Jelly.
- INCI name is Petrolatum

### Chemical Name
Petrolatum

### Chemical Family
Not available.

### Chemical Formula
Not available.

### Supplier
SPECTRUM LABORATORY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

### In Case of Emergency
CHEMTREC (24hr) 800-424-9300
CALL (310) 516-8000

## Section 2. Composition and Information on Ingredients

### Exposure Limits

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
<th>CEIL (mg/m³)</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Petrolatum, white</td>
<td>8009-03-8</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

### Toxicological Data on Ingredients

**Petrolatum, white:**
- DERMAL (LD50): Acute: 3600 mg/kg [Rabbit (LOLI)].

## Section 3. Hazards Identification

### Potential Acute Health Effects
Slightly hazardous in case of eye contact (irritant), of ingestion. Non-irritant for skin. Non-hazardous in case of inhalation.

### Potential Chronic Health Effects
- CARCINOGENIC EFFECTS: Not available.
- MUTAGENIC EFFECTS: Not available.
- TERATOGENIC EFFECTS: Not available.
- DEVELOPMENTAL TOXICITY: Not available.
- Repeated or prolonged exposure is not known to aggravate medical condition.

**Continued on Next Page**
### Section 4. First Aid Measures

| Eye Contact | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs. |
| Skin Contact | Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. |
| Serious Skin Contact | Not available. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Serious Inhalation | Not available. |
| Ingestion | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Serious Ingestion | Not available. |

### Section 5. Fire and Explosion Data

| Flammability of the Product | May be combustible at high temperature. |
| Auto-Ignition Temperature | Not available. |
| Flash Points | CLOSED CUP: 185°C (365°F). |
| Flammable Limits | Not available. |
| Products of Combustion | Not available. |
| Fire Hazards in Presence of Various Substances | Slightly flammable to flammable in presence of heat. |
| Fire Fighting Media and Instructions | SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| Special Remarks on Fire Hazards | Not available. |
| Special Remarks on Explosion Hazards | Not available. |

### Section 6. Accidental Release Measures

| Small Spill | Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. |
| Large Spill | Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |

### Section 7. Handling and Storage

| Precautions | Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents. |
| Storage | Keep container tightly closed. Keep container in a cool, well-ventilated area. |

Continued on Next Page
**Section 8. Exposure Controls/Personal Protection**

**Engineering Controls**
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection**
Safety glasses or Splash goggles. Synthetic apron or Lab Coat. Gloves (impervious). Respiratory protection is not normally required for normal handling. If vapor and/or mist is generated by heating, spraying, etc., wear an organic vapor respirator with a mist filter.

**Personal Protection in Case of a Large Spill**
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits**
Not available.

---

**Section 9. Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Physical state and appearance</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid. (Semisolid, Unctuous mass)</td>
<td>Practically odorless.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>Taste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td>Practically tasteless.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>pH (1% soln/water)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable.</td>
<td>White to faintly yellowish.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>Volatility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Melting Point</th>
<th>Odor Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>38° C (100.4° F) - 54 C. (Merck Index)</td>
<td>Not available.</td>
</tr>
<tr>
<td>38° C (100.4° F) - 60 C. (Spectrum Laboratory Products &amp; Chemicals - product specifications)</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Critical Temperature</th>
<th>Water/Oil Dist. Coeff.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific Gravity</th>
<th>Ionicity (in Water)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.820 - 0.865 @ 25 C. (Water = 1) (Merck Index)</td>
<td>Not available.</td>
</tr>
<tr>
<td>0.815 - 0.880 @ 60 C. (Spectrum Laboratory Products &amp; Chemicals - product specifications)</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vapor Pressure</th>
<th>Dispersion Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable.</td>
<td>See solubility in water, diethyl ether.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vapor Density</th>
<th>Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td>Soluble in diethyl ether.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volatility</th>
<th>Solubility in cold water, hot water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td>Practically insoluble in Glycerol and alcohol.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Odor Threshold</th>
<th>Solubility in Benzene, Chloroform, Petroleum Ether, Carbon Disulfide, Oils.</th>
</tr>
</thead>
</table>

---

**Section 10. Stability and Reactivity Data**

<table>
<thead>
<tr>
<th>Stability</th>
<th>The product is stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instability Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Excess heat, incompatible materials</td>
</tr>
<tr>
<td>Incompatibility with various substances</td>
<td>Reactive with oxidizing agents.</td>
</tr>
<tr>
<td>Corrosivity</td>
<td>Non-corrosive in presence of glass.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Special Remarks on Reactivity</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Remarks on Corrosivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

---

Continued on Next Page
### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Routes of Entry</th>
<th>Ingestion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity to Animals</td>
<td>Acute dermal toxicity (LD50): 3600 mg/kg [Rabbit (LOLI)].</td>
</tr>
<tr>
<td>Chronic Effects on Humans</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Toxicity to Animals</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Chronic Effects on Humans</td>
<td>At the time of this review, no studies were found on the potential carcinogenic activity of petrolatum in humans.</td>
</tr>
<tr>
<td>Special Remarks on other Toxic Effects on Humans</td>
<td>Acute Potential Health Effects: Skin: Not likely to cause skin irritation. May cause irritation in sensitive individuals. Low hazard for usual industrial handling. It does not readily penetrate the skin. Eyes: May cause mild eye irritation. Inhalation: Inhalation of mist or nebulized particles of this material may cause respiratory tract irritation. Symptoms may include coughing, breathing difficulty, and chest pain. Ingestion: Ingestion of large amounts may cause gastrointestinal tract irritation. Chronic Potential Health Effects: Skin: While petrolatum is regarded by some to be biologically inert and nonallergenic, there have some cases of allergic contact dermatitis. Repeated skin contact with petrolatum induced changes at the cellular level in rabbits. Petrolatum was not a skin sensitizer in guinea pigs.</td>
</tr>
</tbody>
</table>

### Section 12. Ecological Information

| Ecotoxicity | Not available. |
| BOD5 and COD | Not available. |
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | Not available. |
| Special Remarks on the Products of Biodegradation | Not available. |

### Section 13. Disposal Considerations

| Waste Disposal | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |

### Section 14. Transport Information

| DOT Classification | Not a DOT controlled material (United States). |
| Identification | Not applicable. |
| Special Provisions for Transport | Not applicable. |
| DOT (Pictograms) | ![Not a DOT controlled material (United States).] |
### Section 15. Other Regulatory Information and Pictograms

**Federal and State Regulations**

| TSCA 8(b) inventory: Petrolatum, white |

**California Proposition 65 Warnings**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

**Other Regulations**

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 232-373-2).

Canada: Listed on Canadian Domestic Substance List (DSL).

China: Listed on National Inventory.

Korea: Listed on National Inventory (KECI).

Philippines: Listed on National Inventory (PICCS).

Australia: Listed on AICS.

**Other Classifications**

<table>
<thead>
<tr>
<th>WHMIS (Canada)</th>
<th>Not controlled under WHMIS (Canada).</th>
</tr>
</thead>
</table>

| DSCL (EEC) | R45- May cause cancer. |

**Health Hazard**

0

**Fire Hazard**

1

**Reactivity**

0

**Personal Protection**

C

**HMIS (U.S.A.)**

<table>
<thead>
<tr>
<th>National Fire Protection Association (U.S.A.)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Reactivity</th>
<th>Specific hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**WHMIS (Canada) (Pictograms)**

- [ ]

**DSCL (Europe) (Pictograms)**

- [ ]

**TDG (Canada) (Pictograms)**

- [ ]

**ADR (Europe) (Pictograms)**

- [ ]

**Protective Equipment**

- Gloves.
- Synthetic apron.
- Not applicable.
Petrolatum, white

**Section 16. Other Information**

<table>
<thead>
<tr>
<th>MSDS Code</th>
<th>P3350</th>
</tr>
</thead>
<tbody>
<tr>
<td>References</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**Other Special Considerations**

Major Uses:
LUBRICATING FIREARMS & MACHINERY, LEATHER GREASE, SHOE POLISH, MODELING CLAYS; IN COSMETICS; FOOD ADDITIVE IN FOOD & WATER OF ANIMALS &/OR FOR TREATMENT OF FOOD PRODUCING ANIMALS; PRINCIPALLY AN EMOLLIENT BASE FOR OINTMENT, CREAM, & LOTION; CARRIER FOR RUST PREVENTATIVES; IN MFR OF CARBON PAPER; GLAZE ON COATED CONFECTIONS; PROTECTIVE DRESSING; PERFUME EXTRACTOR; IN INSECT REPELLENTS; SOFTENER IN WHITE OR COLORED RUBBER COMPOUNDS; IN FOODS AS DEFOAMING AGENT, LUBRICANT, RELEASE AGENT, PROTECTIVE COATING.

Validated by Sonia Owen on 12/7/2011.

Verified by Sonia Owen.

Printed 12/7/2011.

**Notice to Reader**

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.

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