



SILVER FERN
CHEMICAL INC

SAFETY DATA SHEET

White Petrolatum (Petroleum Jelly)

Revision date 11/20/2018

Preparation Date: 01/29/2015

Revision Number: G2

1. IDENTIFICATION

Product identifier

Product Name: PETROLATUM, WHITE

Other means of identification
Synonyms: Petroleum Jelly; White Vaseline; White Protopet; Vasoliment; Vaseline; Ultima White; Saxoline; Snow White; 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

Recommended use: Lubricant. Food Additive. Emollient base for ointment, base, cream. and lotion.
Uses advised against No information available

Supplier: Silver Fern Chemical, Inc.
2226 Queen Anne
Avenue North, Suite B
Seattle, WA 98109 USA
Customer Service: 1-866-282-3384; info@silverfernchemical.com

Emergency telephone number: **INFOTRAC: 1-800-535-5053; Outside USA & Canada 1-352-323-3500**

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous according to 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

Product name:
WHITE PETROLATUM
(Petroleum Jelly)

May be harmful if inhaled

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Formula: | CAS No. | Weight-% |
|-------------------|-----------|----------|
| Petrolatum, white | 8009-03-8 | 100 |

4. FIRST AID MEASURES

First aid measures

- General Advice:** National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.
- Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.
- Eye Contact:** Flush eyes 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. Carbon dioxide (CO₂). 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.

Special Protective Actions for Firefighters

Product name:
WHITE PETROLATUM
(Petroleum Jelly)

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. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment

Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

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 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

| Formula: | CAS No. | OSHA | NIOSH | ACGIH | AIHA WEEL |
|-------------------|-----------|------|-------|-------|-----------|
| Petrolatum, white | 8009-03-8 | None | None | None | None |

Canada

| Formula: | CAS No. | Canada - Alberta | Canada - British Columbia | Canada - Ontario | Canada - Quebec |
|-------------------|-----------|------------------|---------------------------|------------------|-----------------|
| Petrolatum, white | 8009-03-8 | None | None | None | None |

Australia and Mexico

| Formula: | CAS No. | Australia | Mexico |
|-------------------|-----------|-----------|--------|
| Petrolatum, white | 8009-03-8 | None | None |

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:** Goggles or 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

| | | |
|---|---|--|
| Physical state: Solid | Appearance: Semisolid. Unctuous mass. | Color: White. Faintly yellowish. |
| Odor: Practically odorless. | Taste Practically tasteless. | Formula: No information available |
| Molecular/Formula weight (g/mole): No information available | Flammability (solid, gas) no data available | Flash point (°C): 185 |
| Flashpoint (°C/°F): 185°C/365°F | Flash Point Tested according to: Closed cup | Autoignition Temperature (°C/°F): No information available |
| Lower Explosion Limit (%): No information available | Upper Explosion Limit (%): No information available | Melting point/range(°C/°F): 36°-60°C/96.8°-140.0°F |
| Decomposition temperature(°C/°F): No information available | Boiling point/range(°C/°F): No information available | Bulk density: No information available |
| Density (g/cm3): 0.815-0.880 @ 60°C | Specific gravity: 0.820 - 0.865 @ 25°C (Water = 1) (Merck Index) | pH No information available |

0.815 - 0.880 @ 60°C (Spectrum Laboratory Products & Chemicals - product specifications)

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

Evaporation rate:
No information available

Vapor density:
No information available

VOC content (g/L):
No information available

Odor threshold (ppm):
No information available

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

Viscosity:
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

10. STABILITY AND REACTIVITY

Reactivity

Reactive with oxidizing agents

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid: Heat. Ignition sources. Incompatible materials.

Incompatible Materials: Oxidizing agents

Hazardous decomposition products: No information available.

Other Information

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Ingestion. Skin.

Acute Toxicity

Component Information

Product name:
WHITE PETROLATUM
(Petroleum Jelly)

| | |
|-------------------|-----------|
| Petrolatum, white | |
| CAS No. | 8009-03-8 |

LD50/oral/rat = > 5000 mg/kg (Rat)
LD50/oral/mouse = No information available
LD50/dermal/rabbit = 3600 mg/kg Dermal LD50Rabbit
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 > 5000 mg/kg (Rat)

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

LD50/dermal/rabbit
Value 3600 mg/kg

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

LC50/inhalation/rat
VALUE-Gas = 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.

| Formula: | CAS No. | IARC | ACGIH - Carcinogens | NTP | OSHA HCS - Carcinogens | Australia - Notifiable Carcinogenic Substances | Australia - Prohibited Carcinogenic Substances |
|-------------------|-----------|------------|---------------------|------------|------------------------|--|--|
| Petrolatum, white | 8009-03-8 | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

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.

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

| Formula: | CAS No. | RCRA - F Series Wastes | RCRA - K Series Wastes | RCRA - P Series Wastes | RCRA - U Series Wastes |
|-------------------|-----------|------------------------|------------------------|------------------------|------------------------|
| Petrolatum, white | 8009-03-8 | None | None | None | None |

14. TRANSPORT INFORMATION

Product name:
WHITE PETROLATUM
(Petroleum Jelly)

DOT

UN-No: Not Regulated
Proper Shipping Name: No information available
Hazard Class: No information available
Subsidiary Class No information available
Packing group: No information available
Emergency Response Guide Number No information available
Marine Pollutant No data available
DOT RQ (lbs): No information available
Special Provisions No Information available
Symbol(s): No information available
Description: 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
Marine Pollutant 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

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
Marine Pollutant No information available

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

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

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

Product name:
 WHITE PETROLATUM
 (Petroleum Jelly)

ERG Code: No information available
Special Provisions No information available

15. REGULATORY INFORMATION

International Inventories

| Formula: | CAS No. | U.S. TSCA | KOREA KECL | Philippines (PICCS) | Japan ENCS | CHINA | Australia (AICS) | EINECS-No. |
|--------------------------|-----------|---------------|------------------|---------------------|-------------|---------|------------------|-------------------|
| <i>Petrolatum, white</i> | 8009-03-8 | PresentACTIVE | Present KE-28170 | Present | Not present | Present | Present | Present 232-373-2 |

U.S. Regulations

Petrolatum, white

FDA - Direct Food Additives 21 CFR 172.880, 21 CFR 173.340
FDA - 21 CFR - Total Food Additives 172.880, 173.340, 175.105, 175.125, 175.300, 176.170, 176.180, 176.200, 176.210,
- List Sourced from EAFUS 177.1200, 177.2600, 177.2800, 178.3570, 178.3700

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)

| Formula: | CAS No. | Carcinogen | Developmental Toxicity | Male Reproductive Toxicity | Female Reproductive Toxicity: |
|--------------------------|-----------|------------|------------------------|----------------------------|-------------------------------|
| <i>Petrolatum, white</i> | 8009-03-8 | Not Listed | Not Listed | Not Listed | Not Listed |

CERCLA/SARA

| Formula: | CAS No. | CERCLA - Hazardous Substances and their Reportable Quantities | Section 302 Extremely Hazardous Substances and TPQs | Section 302 Extremely Hazardous Substances and RQs | Section 313 - Chemical Category | Section 313 - Reporting de minimis |
|--------------------------|-----------|---|---|--|---------------------------------|------------------------------------|
| <i>Petrolatum, white</i> | 8009-03-8 | None | None | None | None | None |

U.S. TSCA

| Formula: | CAS No. | TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS) | TSCA 8(d) -Health and Safety Reporting |
|--------------------------|-----------|---|--|
| <i>Petrolatum, white</i> | 8009-03-8 | Not Applicable | Not Applicable |

Canada

WHMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

Component
Petrolatum, white
 8009-03-8 (100)

WHMIS 2015 Hazard Classification
 Not a dangerous product according to HPR classification criteria

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

Product name:
 WHITE PETROLATUM
 (Petroleum Jelly)

Inventory

| | | | |
|-------------------|-----------|--------------|---------------|
| Formula: | CAS No. | Canada (DSL) | Canada (NDSL) |
| Petrolatum, white | 8009-03-8 | Present | Not Listed |

| | | |
|-------------------|-----------|---|
| Formula: | CAS No. | CEPA Schedule I - Toxic Substances |
| Petrolatum, white | 8009-03-8 | Not listed |
| Formula: | CAS No. | CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting |
| Petrolatum, white | 8009-03-8 | Not listed |

EU Classification

EU GHS - SV - CLP 1272/2008

| | | |
|-------------------|-----------|--|
| Formula: | CAS No. | EU GHS - SV - CLP (1272/2008) |
| Petrolatum, white | 8009-03-8 | Carcinogenicity - Carc. 1B: H350 May cause cancer.649-254-00-X |

EU - CLP (1272/2008)

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.

| Formula: | CAS No. | Classification | Concentration Limits: | Safety Phrases |
|-------------------|-----------|-----------------|-----------------------|----------------|
| Petrolatum, white | 8009-03-8 | Carc.Cat.2; R45 | No information | |

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

Indication of danger:

T - Toxic

T



16. OTHER INFORMATION

Preparation Date: 01/29/2015
Revision date: 11/20/2018

Product name:
WHITE PETROLATUM
(Petroleum Jelly)

Additional information

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control 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 handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of Safety Data Sheet