



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco Petrolatum

Other means of identification:

Synonyms: Petrolatum; Slack Wax Bright Stock/Petroleum Jelly/Soft Paraffin

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Westco Petrolatum functions as a rubber plasticizer, rust preventative, industrial putty, is used in leather finishing and the manufacture of soldering paste and printing inks. It has medium consistency (hardness) and fiber length. This product is not intended for food contact.

Chemical distributor, or other responsible party Name, address, and telephone number:

Distributor Name: Western Reserve Chemical Corporation

Address: 4837 Darrow Road
Stow, OH 44224
USA

General Phone Number: 330 650 2244

General Fax Number: 330 650 2255

Emergency phone number:

Emergency Phone Number: Chemtrec 1 800 424 9300 USA

Website: www.wrchem.com

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Class: Not a dangerous substance according to GHS Classification criteria

Precautionary Statements: May cause irritation to eyes, skin, respiratory tract, and gastrointestinal tract.

Hazards not otherwise classified that have been identified during the classification process:

Emergency Overview: Irritant.

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Eye: Exposure may cause watering, redness.

Skin: May cause skin irritation.

Inhalation: Inhalation may cause minor irritation to nose and throat.

Ingestion: May cause gastrointestinal discomfort.

Carcinogenicity: No known significant effects.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Petrolatum	8009-03-8	100 %	232-373-2

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

Skin Contact:	Remove contaminated clothing and shoes. Rinse immediately with plenty of water for 15 minutes. Seek medical attention immediately.
Inhalation:	Remove victim to fresh air. In case of irregular breathing or respiratory arrest provide artificial respiration. Seek medical advice (show the label where possible).
Ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Seek immediate medical advice.
Notes :	<p>Most important symptoms and effects, both acute and delayed: Symptoms/injuries: High concentration of vapours may induce: headache, nausea, dizziness.</p> <p>Symptoms/injuries after inhalation: Vapours are irritating to the respiratory system.</p> <p>Symptoms/injuries after skin contact: Prolonged/repetitive skin contact may cause skin dermatitis. The melted product adheres to the skin and causes burns.</p> <p>Symptoms/injuries after eye contact: No significant hazards. The melted product can cause severe burns.</p> <p>Indication of any immediate medical attention and special treatment needed: In case of skin or eye contact with the heated product, wash with cold water and remove the solidified product with vegetable or mineral oil.</p>

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry chemical powder, foam. Water spray.

Unusual Fire Hazards: Decomposes when exposed to fire conditions. Products of decomposition may include oxides of carbon and water vapour with unidentified organic compounds, dense, white, irritating smoke. Avoid contact with strong oxidising agents and also avoid extreme heat. This product is stable and not subject to polymerisation.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: Wear self-contained breathing apparatus and full protective clothing along with protective equipment. . Refer to section 8.

Fire Fighting Instructions: Clear area of all non-emergency personnel. Do not enter confined fire space without full protective gear. Isolate fuel supply from fire.

Notes : Reactivity: None known.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions: For non-emergency personnel:
Protective equipment: Wear suitable protective clothing gloves, and eye/face protection. Refer to section 8.
Emergency procedures: Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid contact with skin and eyes.

For emergency responders:
Protective equipment: In case of fire: Wear self-contained breathing apparatus. Wear suitable protective clothing, gloves and eye/face protection. Refer to section 8.
Emergency procedures: Eliminate all sources of ignition, avoid sparks, flames and do not smoke in risk area. Avoid contact with skin and eyes. Evacuate unnecessary personnel. Avoid release to the environment.

Environmental precautions:

Environmental Precautions: Do not discharge into drains or the environment. Prevent entry to sewers and public waters.

Methods and materials for containment and cleaning up:

Methods for containment: Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

Methods for cleanup: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Sweep up or vacuum up the product. Place spent adsorbent in sealed packages and contact specialist waste disposal contractor. Collect up the product and place it in a spare container: - suitably labelled. When in liquid state (heated) must be chilled with water to solidify. Do not remove as household garbage.

Notes : Reference to other sections: Refer to sections 8 and 13.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling: Precautions for safe handling:
Provide local exhaust or general room ventilation to minimize vapour concentrations. Avoid contact with skin, eye and clothing. Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures. Only use anti-static equipped (spark-free) tools.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Conditions for safe storage, including any incompatibilities:

Storage: Technical measures: Floors should be impenetrable, resistant to liquids and easy to clean. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Storage condition(s): Store in cardboard boxes with 25 kg in tank truck. Non oxidizing material

according to EC criteria. Store in a dark area. Store at temperatures not exceeding 84 deg C.

Incompatible materials: Strong oxidizing agents. Peroxides. Chlorates. chromic acid.

Specific end use(s):

Work Practices:

Safety showers and eye wash stations should be available.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls:

Appropriate engineering controls: Exposures should be minimized in accordance with good industrial hygiene practices. Provide local exhaust or general room ventilation to minimize vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Individual protection measures:

Eye/Face Protection:

Chemical goggles or face shield with safety glasses.

Skin Protection Description:

Protective laboratory coat, apron, or disposable garment recommended.

Hand Protection Description:

Protective gloves made of PVC.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment. In confined space use self-contained breathing apparatus.

PPE Pictograms:



Notes :

Petrolatum (8009-03-8):
Belgium:
Limit value (mg/m³) 5 mg/m³
Short time value (mg/m³) 10 mg/m³ 15 minutes

Italy - Portugal - USA ACGIH:
ACGIH TWA (mg/m³) 5 mg/m³
ACGIH STEL (mg/m³) 10 mg/m³ 15 minutes

Spain:
VLA-ED (mg/m³) 5 mg/m³
VLA-EC (mg/m³) 10 mg/m³ 15 minutes

Denmark:
Grænseværdie (kortvarig) (mg/m³) 1 mg/m³

Finland:
HTP-arvo (15 min) 5 mg/m³

Ireland:
OEL (15 min ref) (mg/m³) 5 mg/m³

Sweden:
nivågränsvärde (NVG) (mg/m³) 1 mg/m³
kortidsvärde (KTV) (mg/m³) 3 mg/m³

Environmental exposure controls: Avoid release to the environment. Notify authorities if product enters sewers or public waters.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:

Solid
Appearance: At room temperature. solid.

Color:

light brown.

Odor:

None.

Odor Threshold:

No data available

Boiling Point:

219.9-720 deg C

Melting Point:

77 deg C

Density:

Relative density: 0.83 g/cm³ at 90 deg C

Solubility:

Soluble in toluene. 14.5g/100g at 20 deg C.
Water: Insoluble

Vapor Density:

Relative vapour density at 20 deg C: No data available

Vapor Pressure:

No data available

Evaporation Rate:

Relat. evapor. rate comp. to butylacetate: No data available

pH:

Not Applicable

Flash Point:

161 deg C

Flash Point Method:

ASTM D 92

Explosive Properties:

No data available

Oxidizing Properties:

No data available

9.2. Other information:

Notes :

Solidification point: No data available

Flammability (solid, gas): Not applicable
Explosive limits: No data available
Log Pow: No data available
Self ignition temperature: No data available

SECTION 10 : STABILITY and REACTIVITY

Reactivity:

Reactivity: None known.
Possibility of hazardous reactions: None known.

Chemical Stability:

Chemical Stability: Stable in use and storage conditions as recommended in item 7.

Conditions To Avoid:

Conditions to Avoid: Incompatible materials.

Incompatible Materials:

Incompatible Materials: Strong oxidizing agents. Peroxides. chromic acid. Chlorides.

Hazardous Decomposition Products:

Special Decomposition Products: Low molecular weight hydrocarbons. Carbon oxides (CO, CO₂). Nitrogen oxides (NO_x). On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Petrolatum :

Acute Toxicity: Not classified
Potential Adverse human health effects and symptoms: High concentration of vapours may induce: headache, nausea, dizziness. Prolonged/repetitive skin contact may cause skin dermatitis. The melted product can cause severe burns.

Sensitization: No evidence of a sensitization effect

Carcinogenicity: No data available

Mutagenicity: No evidence of a mutagenic effect

Reproductive Toxicity: No evidence of negative reproductive effects.

Teratogenicity: No evidence of a teratogenic effect (birth defect)

Petrolatum :

Skin: LD50 dermal rat: > 2000 mg/kg

Inhalation: LC50 inhalation rat (mg/l): Not applicable

Ingestion: LD50 oral rat: > 5000 mg/kg

Sensitization: Respiratory or skin sensitisation: Not classified

Mutagenicity: Germ cell mutagenicity: Not classified

Reproductive Toxicity: Not classified

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: This material is not expected to be harmful to the ecology.

Bioaccumulative potential:

Bioaccumulation: No Data

Petrolatum :

Ecotoxicity:

Ecotoxicity: Petrolatum (8009-03-8):
LC50 fishes > 100 mg/l 96 hours
EC50 Daphnia > 10000 mg/l 48 hours- daphnia
ErC50 (algae) > 100 mg/l 72 hours

Persistence and degradability:

Biodegradation: Persistence and degradability: No additional information available

Bioaccumulative potential:

Bioaccumulation: Bioaccumulative potential: No additional information available

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Waste treatment methods:
Regional legislation (waste): Disposal must be done according to official regulations. Dispose of this material and its container to hazardous or special waste collection point.

SECTION 14 : TRANSPORT INFORMATION

DOT Hazard Class: Not Regulated.

DOT Pictograms:



IATA Hazard Class: Not Regulated.

IATA Pictograms:



IMDG Hazard Class : Not Regulated.

ADR Hazard Class: Not Regulated.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: All components of this product are listed in the TSCA inventory of Chemical Substances.

SARA: Under the provisions of Title III, Section 311 & 312, no products were found

CERCLA Section 302: Not found

Safety Phrase: S24/25 - Avoid contact with skin and eyes. * S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Petrolatum :

EC Number: 232-373-2

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Personal Protection: F

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	F

SDS Revision Date: June 29, 2015

Notes : Important Note: This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

Copyright© 1996-2015 Actio Corporation. All Rights Reserved.