

VASELINE (PETROLEUM JELLY)

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: Vaseline, petroleum jelly
INCI Name: Euphorbia cerifera (candelilla) wax
Synonyms: petrolatum
CAS Number: 8009-03-8
EINECS Number: 232-373-2
Origin: obtained from petroleum

2. PHYSICAL & CHEMICAL PROPERTIES

Melting Point: >37°C (100°F)
Boiling Point: 343°C (650°F)
Vapor Pressure, mmHg: < 1mm
Vapor Density, Air=1: not available
% Volatile by Volume: 0
Specific Gravity: 0.86
Solubility in water: insoluble
Saponification Value: not available
Appearance & Odor: colorless jelly, odorless

3. STABILITY & REACTIVITY

Chemical Stability: stable under normal conditions
Incompatibility: may react with strong oxidizers
Hazardous Decomposition: none known
Hazardous Polymerisation: stable under normal conditions

4. HANDLING & STORAGE

As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

5. ACCIDENTAL RELEASE MEASURES

Scrap up material into waste containers or absorb with dry sand or oil absorbent. Clean spill area with detergent solution or safety solvent. Provide adequate ventilation during clean-up procedure. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: No specific measures necessary.
Protective Clothing: Gloves recommended to prevent prolonged skin contact. Safety glasses, goggles, or face shield recommended for eye protection.
Other Protective Measures: Clean PPE and work clothing contaminated with Petroleum Jelly prior to reuse.

7. HAZARDS IDENTIFICATION

General: Prolonged exposure to elevated concentrations of vapors may result in irritation of the eyes, nose, and throat. Short exposure not expected to cause irritations.
Potential Routes of Exposure: Ingestion, inhalation, dermal contact, eye contact.
Target Organs: None identified

Inhalation: Mild irritation of nose & throat upon overexposure
Eye Contact: Mild irritation upon overexposure.
Skin Contact: Not expected to be a skin irritant. Dermal Contact: Shortness of breath and coughing upon overexposure.
Ingestion: Abdominal discomfort & diarrhea upon overexposure

8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Skin: Wash exposed areas of the body with soap and water.
Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion: If gastrointestinal symptoms develop, consult medical personnel. Do not induce vomiting.

9. FIRE FIGHTING MEASURES

Flash Point: 400°F (204°C)
Extinguishing Media: Use dry chemical, foam or carbon dioxide.
Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

10. TOXICOLOGICAL INFORMATION

Acute/chronic LD50: no data
Carcinogenicity: Not identified as carcinogen by OSHA/IARC/NTP
Mutgenicity: Not Indicated
Reproductive Effects: Not Indicated

11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

12. REGULATORY INFORMATION

RCRA Hazardous Waste Number/Classification: N/A
CERCLA Substance: N/A
CERCLA Reportable Quantity: 10,000 lbs (Default)
SARA 311/312 Codes: N/A
SARA Toxic Chemical: N/A

13. TRANSPORTATION

Shipping Name: Petroleum Jelly

13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.