

MATERIAL SAFETY DATA SHEET
PETROLATUM
Panef Inc.

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Revision Date: 01/01/09

Section 1: Chemical Product and Company Identification

Product Name: Petrolatum
Manufacturer: Panef Inc.
5700 West Douglas Ave.
Milwaukee, WI 53218
Total Pages: 4

Product Number: Panef P-7, P-16, P-13-5
Emergency Telephone: 800-535-5053
Information Telephone: 414-464-7200

Section 2: Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS</u>	<u>Wt. %</u>	<u>Hazardous In Blend</u>
White Petrolatum USP	8009-03-8	100%	No

Other

Petrolatum or petroleum jelly is a microcrystalline wax with a defined oil content. Microcrystalline waxes consist mainly of iso- and cyclo-paraffins with some alkylated aromatic hydrocarbons.

Section 3: Hazards Identification

Route (s) of Entry: **Skin**
Yes

Emergency Overview: This material is not hazardous according to the OSHA Hazard Communication Standard, 29CFR 1910.1200

Eye Contact: This product is minimally irritating to the eyes upon direct contact. Based on testing of similar products and/or components.

Skin Contact: This product is minimally irritating to the skin upon direct contact. Based on testing of similar products and/or components.

Inhalation: This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. See Section 8 for oil mist exposure limits.

Ingestion: Do not ingest. This product is practically non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea.

Other: Petrolatums are nontoxic and some petrolatums have been approved for food and medicinal use.

Exposure to a large single dose or repeated smaller doses of petrolatum by inhalation, aspiration, or ingestion leading to aspiration, can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.

Section 4: First Aid Measures

Eyes: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If material is hot, treat for thermal burns and take to hospital immediately.

Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, remove victim from exposure.

Ingestion: Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration.

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Section 5: Fire Fighting Measures

Flash Point: (method) 400°F (204.4°C)

Flammable Limits: LEV:
None

UEL:
None

Autoignition Temperature: ND

Extinguishing Media: Use dry chemical, form, or carbon dioxide.

Unusual Fire and Explosion Hazards: Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

Special Fire Fighting Procedures: Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

NFPA Ratings: Health 0; Flammability 1; Reactivity 0.

Section 6: Accidental Release Measures

Personnel Safeguard: Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire & Explosion Information in Section 5, and Stability and Reactivity Information in Section 10. Remove all sources of ignition.

Regulatory Notifications: Notify appropriate authorities of spill.

Containment and Clean Up: Contain spill immediately. Do not allow spill to enter sewers or watercourses. Absorb with appropriate inert material such as sand, clay etc. Large spills may be picked up using vacuum pumps, shovels, buckets or other means and placed in drums or other suitable containers.

Section 7: Handling and Storage

Handling: Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing prior to reuse. May be slippery when spilled.

Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106 – Flammable and Combustible Liquids.

Storage: Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials.

Section 8: Exposure Controls / Personal Protection

Exposure Limits and Guidelines: This product does not contain any components with OSHA or ACGIH exposure limits. If oil mist is generated, exposure limits apply.

Eye/Face Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection: No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.). Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.

Respiratory Protection: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified.

Personal Hygiene: Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hand and face with soap and water before eating, drinking or smoking.

Engineering Controls/Work Practices- Ventilation: If vapor or mist is generated when the materials is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits

Section 9: Physical / Chemical Characteristics

Appearance:	White semi-solid	Melting Point:	125-130°F (51.7-54.4°C)
Odor:	Odorless	Molecular Weight:	Varies
Vapor Pressure:	NA	Specific Gravity:	0.86 – 0.87
Vapor Density (Air=1):	NA	Average Carbon Number:	NA
Evaporation Rate (EE=1):	NA	Pour Point:	NA
pH:	NA	Viscosity @ 100°F:	NA
Percent volatile by volume:	NA	Viscosity @ 40°C:	NA
Boiling Point:	650°F (343.3°C)	Solubility:	Insoluble in water, Soluble in hydrocarbons
Volatile Organic Content:	NA	Octanol/Water Coefficient:	Log Kow = NA

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Section 10: Stability and Reactivity

Conditions to Avoid: Heat, sparks and flame.

Incompatibility (materials to avoid): May react with strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

Hazardous Polymerization: Will not occur.

Chemical Stability: Stable.

Section 11: Toxicology Information

arcinogenicity: Petrolatums were not carcinogenic in mice when applied dermally or administered subcutaneously or in rats when injected intraperitoneally or included in the diet for two years.

Section 12: Ecological Information

None available

Section 13: Disposal Considerations

Regulatory Information: All disposals must comply with federal, state and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Caution! If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

Waste Disposal Methods: Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

Section 14: Transportation Information

U. S. Department of Transportation (DOT)

Highway/Rail (Bulk): Not regulated

Highway/Rail (Non-Bulk): Not regulated

International Information

Vessel (IMDG): Not regulated

Air (ICAO): Not regulated

Section 15: Regulatory Information

INVENTORIES:

Australian (AICS):	Listed
Canadian (DSL):	Listed
Chinese:	Listed
European EC/EINECS:	Listed
Japanese ENCS:	Listed
Korean (KCL):	Listed
Philippine (PICCS):	Listed
U. S. (TSCA):	Listed

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Section 15: Regulatory Information (continued)

U. S. Sara Section 313: This product is not known to contain any SARA, Title III, Section 313 Reportable Chemicals at or greater than 1.0% (0.1% for carcinogens).

U. S. SARA 311/312 Categories:

Acute:

Chronic:

Fire:

Pressure:

Reactive:

Not Regulated: X

Canadian WHMIS Classification: Not a Controlled Product under WHMIS.

Section 16: Other Information

Disclaimer: The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.