

CALDIC NORTH AMERICA		Date:	02/24/23
		Revision:	08
Document Number: SDS-6666666		Supersedes:	07
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Title:	Petrolatum, USP Grade: Safety Data Sheet		
Document Owner:	Tonya Black, PCQI	Approved by:	Michael Duffy

This document is prepared pursuant to 2015 Global Harmonization System (GHS) and OSHA Hazard Communication (29 CFR 1910.1200) standards. Where proprietary ingredient is shown, the identity may be made available as provided in this standard.

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier

Tradename: **Petrolatum, USP Grade** (*see list at end)
Code: 6666666
REACH Registration No.: 01-2119490412-42-0041

1.2. Identified uses / uses advised against

Identified uses: Excipient grade lubricant, release agent for food, personal care and industrial applications

1.3. Supplier details:

Company/Address: Caldic North America, 500 Central Avenue, University Park, IL 60484 USA
Website: www.caldic.com
Email: t.black@caldic.com
Telephone/Fax: 708.534.5511 / 708.534.0123
Responsible Dept: Regulatory

1.4 Transportation emergency contact: Chem Tel 800.255.3924

2. HAZARDS IDENTIFICATION:

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No.1272/2008 [CLP]: Not classified
Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified
Adverse effects: According to OSHA, paraffin wax may be considered hazardous in the workplace at concentrations exceeding 2 mg/m³.

2.2. NFPA Code: Health-0, Flammability-1, Reactivity-0

HMIS Code: Health-0. Flammability-1, Reactivity-0

2.3. Potential Health Effects:

2.2.1 Eye contact: No significant health hazards identified.
2.2.2 Skin contact: No significant health hazards identified.
2.2.3 Ingestion: Negligible effect; may act as a laxative
2.2.4 Inhalation: No significant health hazards identified.

2.4. Label elements: Not applicable

2.5. Other hazards: These substances/mixtures do not meet the PBT/vPvB criteria of REACH, annex XIII. Prolonged/repetitive skin contact may cause skin defatting or dermatitis; ingestion may have laxative effect.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

Component	CAS No.	EC No.	% by Wt.	HS Tariff Classification No.
Petroleum hydrocarbons	8009-03-8	232-373-2	99 -100%	2712.1000.00
Vit. A and Vit. D mixture	79-81-2	TBD	<0.50%	TBD
dl-Alpha Tocopherol	59-02-9	TBD	<0.50%	TBD
DMPS	63148-62-9	TBD	<0.10%	TBD

4. FIRST AID MEASURES

4.1. General information:

Eye: Flush immediately with large amounts of water. If irritation occurs, call a physician

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Skin: Wash exposed area of skin with water. If burned by contact with hot material, cool material as quickly as possible with water. See a physician for burn treatment, irritation or allergic reaction.

Ingestion: If uncomfortable or symptomatic, seek medical assistance promptly.

Inhalation: If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/injuries: High vapor concentration may induce headache, nausea, dizziness and respiratory irritation. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed: See 4.1 and 4.2.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media: Dry chemical, carbon dioxide, foam, steam or water fog. Agents approved for Class B hazards.

Unsuitable extinguishing media: Water streams will scatter liquid and spread fire, but may be used to keep fire-exposed containers and surroundings cool.

5.2. Special hazards: May create dense smoke during combustion

Fire hazard: Mild fire hazard when heated above its flash point; material must be preheated before ignition will occur (OSHA Class IIIB).

5.3. Advise for firefighters:

Firefighting instruction: Cool unaffected containers and remove to safety.

Firefighting protection: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personnel: Wear appropriate breathing apparatus, protective clothing gloves and eye/face protection. No smoking. Refer to section 8.

Emergency procedures: Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces.

6.2. Environmental precautions Prevent spills from entering sewers and public waters.

6.3. Containment / Cleanup

Containment: Dike around spill; have oil-absorbent materials readily available.

Cleanup: Remove mechanically or contain on an absorbent material such as dry sand or earth and dispose of in accordance with current applicable regulations

7. HANDLING AND STORAGE

7.1. Handling No special requirements; observe good industrial hygiene practices.

7.2. Storage Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Limits: OSHA PEL – 2 mg/m³ (oil mist) (1989) (1971)

ACGIH TLV-TWA – 2 mg/m³ (oil mist)

ACGIH TLV-STEL – 4 mg/m³ (oil mist)

8.2. Exposure controls Control airborne concentrations below the exposure guidelines. Provide local exhaust or general room ventilation to minimize vapor concentrations. Provide emergency eye wash fountains and safety showers.

Eye: Wear protective goggles or face shield if splashing is possible.

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Skin: Wear protective gloves/clothing
Inhalation: Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator to protect against mist.

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

9. CHEMICAL AND PHYSICAL PROPERTIES

9.1. Basic physical and chemical properties

Appearance / Odor: Amber to white semi-solid / Mild odor
pH: Not determined
Vapor Pressure: < 1.0 mmHg @ 20°C (68°F)
Vapor Density (Air=1): >10
Boiling Point: Not determined
Melting Point: 53 - 80°C
Solubility: Negligible in water (below 0.1%); soluble in hydrocarbons
Specific Gravity (Water=1): <1 @ 25°C/25°C (77°F)
Pour Point: Not determined
Flash Point: Not determined

10. STABILITY AND REACTIVITY

10.1. Reactivity: Unknown
10.2. Chemical Stability: Generally stable
10.3. Hazardous reactions: Hazardous polymerization will not occur
10.4. Conditions to avoid: Extreme heat; contact with chlorine, fluorine, and other strong oxidizers and acids
10.5. Incompatible materials: Chlorine, fluorine, and other strong oxidizers and acids
10.6. Hazardous decomposition products: Paraffin Fume
10.7. Hazardous polymerization: Will not occur
10.8. Hazardous combustion products: Incomplete burning can produce carbon monoxide and other toxic gases

11. TOXICOLOGICAL INFORMATION

11.1. Toxicity: Data following is based on information from similar products, the ingredients, technical literature, and/or professional experience; Avatar Corporation does not do testing on animals.
No component of these products present at levels > 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

Dermal (rabbits): LD₅₀ > 2000 mg/kg
Oral (rats): LD₅₀ > 2000 mg/kg
Eye Irritation (rabbits): Draize score 0 to 6
Skin Irritation (rabbits): Primary irritation index 0.5 or less.
Carcinogenicity: EC CLP Note N applies. Full refining history is known and demonstrates non-carcinogenicity.

12. ECOLOGICAL INFORMATION

12.1. Toxicity: No data available
12.2. Persistence / degradability: No data available

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- 12.3. Bioaccumulation potential No data available
- 12.4. Mobility in soil No data available
- 12.5. PBT / vPvB assessment No data available
- 12.6. Other adverse effects No data available

13. DISPOSAL INFORMATION

- 13.1. Waste treatment methods Disposal must be in accordance with applicable federal, state, or local regulations. "Empty" drums should not be given to individuals.

14. TRANSPORTATION INFORMATION

- 14.1. General Information Not regulated by U.S. DOT, Canadian TODG, IMO/IMDG, ICAO/IATA, ADR/RID

15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 - CERCLA Sections 102A/103 Hazardous Substances: Not reportable
 - SARA Title III Section 302 Extremely Hazardous Substances: Not regulated
 - SARA Title III Sections 311/312 Hazardous Categorization: None
 - SARA Title III Section 313: Not regulated
 - U.S. Inventory (TSCA ACTIVER) Listed on inventory as active
 - Domestic Substances List (DSL) Listed
 - OSHA Hazard Communication Standard: Listed by ACGIH, OSHA.
 - WHMIS Controlled Product Classification: Not listed
 - EC Inventory (EINECS/ELINCS) Not determined.
 - FDA 21 CFR 172.886, and 178.3710: Compliant
 - Kosher Certification: Compliant
- 15.2. Chemical safety assessment Incomplete

16. OTHER INFORMATION

This material safety data sheet and the information it contains are offered in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use product(s) safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

*Petrolatum USP SDS covers the products below including, but not limited to:

Pinnacle USP Petrolatum Series	Pet USP Petrolatum Series	Victory USP Petrolatum Series
Hyperion USP Petrolatum Series	Any USP Petrolatum EXP	Pet HHV Blend API USP Petrolatum
Pet US Blend AD 225 (API) USP Petrolatum		

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Revision History

Date	Revision No.	Purpose	Authorized By
07/22/14	-01	Initial	J.P. Roush, M.S.
03/11/15	-02	Revised to include all USP Petrolatum	J.P. Roush, M.S.
09/16/15	-03	New products added; vitamins added	J.P. Roush, M.S.
09/04/18	-04	Review	J.P. Roush, M.S.
01/21/19	-05	Updated TSCA information	J.P. Roush, M.S.
04/02/19	-06	Added Domestic Substances List (DSL) to Section 15.	J.P. Roush, M.S.
04/20/21	-07	Review	J.P. Roush, M.S.
02/24/23	-08	Rebranding and Review	T.Black, PCQI

Because we care.