

Safety Data Sheet

Date of Issue: May 27, 2015
Revision #: 1
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1. PRODUCT AND COMPANY IDENTIFICATION

Product Names: Pionier 17122 – Sterling White Petrolatum USP,
Pionier 17128 – Yellow Gold Petrolatum USP
Pionier 17128W – Sterling White CK Petrolatum USP
Pionier 17129 – Soft Sterling White Petrolatum USP

Synonyms: White Petrolatum USP, Petroleum Jelly
General Uses: Food Applications, Cosmetic Applications, High Purity Oil applications
Chemical Family: Petroleum Hydrocarbon, Petrolatum
Responsible Party:

Charkit Chemical Company LLC
32 Haviland Street
South Norwalk, CT 06854

Emergency Overview

24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident Call CHEMTREC:
North America: (800) 424-9300
Others: (703) 527-3887 (collect)

2. HAZARDS IDENTIFICATION

GHS Classification Not classified as dangerous under EC/GHS criteria

Label Elements This product does not require a hazard warning label in accordance with GHS standards.

Precautionary Statements: None

Supplemental Information Hazard Statement: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Percent
Petroleum Jelly	8009-03-8	100%

4. FIRST AID MEASURES

Eye Contact: When Molten – Can cause thermal burns. Immediately flush eyes with water for 15 minutes. Seek medical attention in all cases of serious burns.

Skin Contact: When Molten – Can cause thermal burns. Immediately flush contacted area for 15 minutes to stop burning. Seek medical attention in all cases of serious burns.

Inhalation (Breathing): First aid is not normally required.

Ingestion (Swallowing): When Molten – Can cause thermal burns. First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

Most Important symptoms/effects, acute and delayed:

When Molten – Thermal burns and symptoms associated with burns.

Medical Attention and Special Treatment needed:

Treat symptomatically for burns.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemicals, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Unsuitable Extinguishing Media: Avoid solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture: Elevated temperatures can lead to the formation of irritating fumes and vapors. Decomposing products may include the following materials: Carbon Dioxide and Carbon Monoxide. Product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause flash fire. Static Electricity accumulation may be increased by the presence of small quantities of water or other contaminants. Restrict flow velocity to avoid build-up of static charge.

Advice for firefighters: For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard area, keep unauthorized personnel out. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment to avoid direct contact. The material will burn, but will not ignite readily. Keep all ignition sources away from the spill/release.

Environmental Precautions: When Molten, stop spill/release if it can be done safely. Product is insoluble in water, so prevent it from entering drains or water ways. Solidified product will clog drains and sewers. Notify appropriate state and local authorities.

Method for clean up: Use absorbent materials such as sand, earth or vermiculite on land spills. Use absorbent booms or skimming devices on water spills.

7. HANDLING AND STORAGE

Handling: Keep away from ignition sources. Be cautious of any drips or spills as product is extremely slippery. Do not enter confined spaces without appropriate equipment and procedures. Electrostatic charge may accumulate and create a hazardous condition when handling this material. Bond and Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire.

Storage: Store containers in a clean, dry location, away from strong sunlight and heat or flames. Keep containers sealed when not in use. Empty containers retain residue and should be handled with care and disposed of properly.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	ACGIH	OSHA	Other
Petroleum Jelly	5 mg/m TWA 10 mg/m STEL	5 mg/m	As Wax Mist, if generated 2mg/m TWA

STEL- Short Term Exposure Limit (15 minutes): TWA-Time Weighted Average

Appropriate Engineering Controls:

Consider the following when employing engineering controls and selecting personal protective equipment: Potential hazards of the material, applicable exposure limits, job activities and other substances in the work place.

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

Personal Protective Equipment (PPE):

Respiratory: If vapor or mist is generated by heating, spraying, etc, wear an air purifying respirator with mist filter. No special respiratory protection is normally required.

Skin: Wear gloves and long sleeve clothing to minimize contact with molten product

Eye/Face: Wear glasses with side shield or goggles in case of splashing molten product

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Semi-solid, yellow opaque to white opaque
Odor:	None at room temp
pH	N/A
Melting/Freezing Point:	120-140°F (49-60°C)
Initial Boiling Point:	(SEE PRODUCT BULLETINS FOR SPECIFICS)
Flash Point:	>399°F / 204°C (SEE PRODUCT BULLETINS FOR SPECIFICS)
Test Method:	Cleveland Open Cup (COC), ASTM D92
Evaporation Rate:	Not Applicable
Flammability (solid, gas)	Not Applicable
LEL (vol % in air):	No data
UEL (vol % in air):	No data
Vapor Pressure:	<0.1 kPa at 20C
Vapor Density (air=1):	>1
Specific Gravity:	0.815 – 0.86 (SEE PRODUCT BULLETINS FOR SPECIFICS)
Solubility in Water:	Insoluble
Partition coefficient:	No data
Auto-ignition Temperature:	No data
Decomposition Temperature:	No data
Viscosity:	50 – 650 SUS @100°F (SEE PRODUCT BULLETINS FOR SPECIFICS)

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

10. STABILITY AND REACTIVITY

Reactivity:	Not chemically reactive
Chemical Stability:	Stable under normal ambient and anticipated conditions of use
Possibility of hazardous reactions:	Not anticipated under normal conditions
Conditions to Avoid:	Extended exposure to high temperatures can cause decomposition.
Materials to Avoid (Incompatible Materials):	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Not anticipated under normal conditions

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Components	Species	Test Results
Petroleum Jelly	(8009-03-8)	
Dermal – LD50	Rabbit	>2000 mg/kg
Oral – LD50	Rat	>5000 mg/kg
Skin corrosion/irritation	Non-irritant	
Serious eye damage/eye irritation	Non-irritant	
Respiratory sensitization	Not classified	
Skin sensitization	Non-sensitizing	
Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
Specific Target organ toxicity	Not classified	
Aspiration toxicity	Not classified	
Toxicological data	Not classified	

12. ECOLOGICAL INFORMATION

Eco-toxicity Not classified in terms of eco-toxicity

Components	Species	Test Results
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Petroleum Jelly	(8009-03-8)	
<i>Acute</i>		
Algae – NOEL50	Algae	> 100 mg/l
Crustacea – EL50	Daphnia magna	> 10000 mg/l, 48 hr
Fish – LL50	Pimephales promelas	> 100 mg/l

Persistence and degradability Inherently biodegradable 31% (28d) per OECD 301F

Bio-accumulative potential May bio-accumulate in aquatic organisms

Partition coefficient n-octanol/water (log Kow) Unknown

Mobility in soil May partition into air, soil and water

Other adverse effects

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with appropriate local, state and federal regulations. Empty drums/containers should be sealed and returned to a re-conditioner.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Shipping Description: Not regulated by DOT

Trucking Freight description: 65 Petroleum Oil, N.O.I.B.N

Note: The provisions of 49 CFR, Part 130 apply for shipments over 3,500 bulk gallons, requiring carrier emergency plans for spills and accidents.

International Maritime Dangerous Goods (IMDG)

Shipping Description: Not regulated

International Civil Aviation Org. / International Air Transport Assoc. (ICAO/IATA)

Shipping Description: Not regulated

Annex II of MARPOL 73/78 and the IBC Code:

Not classified for MARPOL.

15. REGULATORY INFORMATION

U.S. Regulations:

CERCLA/SARA - Section 311/312 (Title III Hazard Categories)

Acute Health: No

Chronic Health: No

Fire Hazard: No

Pressure Hazard: No

Reactive Hazard: No

CERCLA/SARA - Section 313 and 40 CFR 372:

This material does not contain toxic chemicals (in excess of the applicable de minimis concentration) that are subject to the reporting requirements of SARA 313 (40 CFR 372):

EPA (CERCLA) Reportable Quantity (in pounds): --None Known--

CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):

This material does not contain extremely hazardous substances subject to the reporting requirements of SARA 302 (40 CFR 372)

California Proposition 65:

This material does not contain any component or chemical currently known to the State of California to cause cancer, birth defects or other reproductive harm at levels which are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5)

Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any.

TSCA: All components are listed on the TSCA inventory, or not required to be listed on the TSCA inventory

International Regulations:

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Domestic Substances List: Listed

WHMIS Hazard Class: Not Regulated

International Inventories:

This material is listed on the following inventories:

Australia (AICS)

Canada (DSL)

China (IECSC)

Europe (EINECS)

Japan (ENCS)

Korea (ECL)

New Zealand

Philippines (PICCS)

16. OTHER INFORMATION

Disclaimer of Expressed and implied Warranties:

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