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Safety Data Sheet

Section 1: Identification

Product identifier

1.1. Product identifier
Product name: Paraffin
Product No.:
Internal Id:

1.2. Relevant identified uses of the substance or mixture and uses advised against:
Identified uses: Body Treatments per customers request

Details of the supplier of the safety data sheet
Manufacturer
PLCP
549 Route 30
Imperial, PA 15126
United States

Telephone (General): 866-584-7727
Emergency telephone number:

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Section 2: Hazard Identification

2.1. Classification of the substance or mixture

Not classified.

2.2. Label elements

Risk Phrases

Do not use in or near eyes. In case of contact rinse eyes thoroughly with water. Seek medical attention if necessary. If irritation or redness develops, stop use and consult a doctor. Keep out of reach of children. If swallowed, get medical help or call a poison control center immediately

Safety Phrases

S2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed, seek medical advice immediately.

2.3. OSHA defined hazards

This product does not meet the criteria for classification according to OSDHA Hazard Communication Standard (OSHA GHS).

Precautionary Statement

Prevention	Observe good industrial hygiene practices
Response	Wash hands after handling
Storage	Store away from incompatible materials
Disposal	Dispose of waste and residues in accordance with local authority requirements

Hazard(s) not otherwise Classified (HNOC) None known

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Section 3 - Composition/Information on Ingredients

3.2. Composition/information on ingredients

Substances

Chemical Name – Paraffix Wax CAS Number 8002-74-2 100%

Composition comments All Concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume

Section 4: First Aid Measures

4.1. First aid measures

Inhalation: Solid: No specific first aid measures noted. If fumes from heated product are inhaled: Move to fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion:

DO NOT INDUCE VOMITING! Get medical attention immediately.

Skin contact: **Solid:** No specific first aid measures noted. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal adhering material and treatment of burn.

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Eye contact: **Solid:** No specific first aid measures noted. Exposure to fumes, vapors or smoke of over heated product can result in irritation of eyes. Direct contact of molten material will cause injury and burns. When handling of molten product eye shield must be worn at all times. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Administer prompt first aid measures. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids. Seek medical attention if necessary.

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Ingestion: Solid: No specific first aid measures noted. Not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Contact with hot product may cause severe burns. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

General information: If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.

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

Provide general supportive measures and treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media: Water fog, Foam, Dry chemical powder. Carbon Dioxide (CO2).

Unsuitable Extinguishing Media: Do not use on molten metal: Explosion hazard could result.

Special hazards arising from the chemical By heating and fire, irritating vapors/ gases may be formed. During fire, gases hazardous to health may be formed.

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Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire

Fire fighting equipment/ Instructions In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Do not direct water at source of leak or safety devices as icing may occur. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Keep unnecessary personnel away. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the

SDS.

Methods and material for containment and cleaning up

Containment/Clean-up Measures:
Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material out of sewers and watercourses by diking and impounding. Recover and place into appropriate containers for recycling or disposal, according to prevailing local, state and federal laws.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Allow material to solidify, and scrape up. Following product recovery, flush area with water.

Small Spills: Where possible allow molten material to solidify naturally.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions:
Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Section 7 - Handling and Storage

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Precautions for safe handling

Handling: When kept in molten state, inert gas blanketing may be used to avoid material degradation. As A solid, avoid contamination by keeping in closed containers. Do not handle until all safety precautions have been read and understood. Heat only in areas with appropriate exhaust ventilation. Do not breathe fume/mist/ vapors. Avoid contact with molten material. When using, do not eat, drink, or smoke. Observe good industrial hygiene practices. Do not empty into drains. Avoid release to the environment. Wash contaminated clothing before reuse. The material is a solid at room temperature exhibiting elevated temperature softening characteristics. Above its softening point, the material liquefies and flows more readily as the temperature increases. The material may be used as a hot liquid for application purposes and requires caution in handling.

Conditions for safe storage, including any incompatibilities

Storage: Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping in closed containers.

Section 8 - Exposure Controls/Personal Protection

Occupational exposure limits

US.ACGIH Threshold Limit Values

Components	Type	Value	Form
Paraffin wax (CAS 8002-74-2)	TWA	2mg/m3	Fume

US.NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form

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Paraffin wax (CAS 8002-74-2)	TWA	2mg/m3	Fume

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear approved safety goggles. Wear a face shield when working with molten material.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves Can be recommended by the glove supplier.

Other The material may be utilizied in molten form. Proper protective splash resistant clothing, thermal gloves, splash resistant shoes, and eye shields must be work to prevent injury. Use molten material in well ventilated areas. When working in confined areas, use of appropriate respiratory gear is recommended.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

Thermal Hazards Wear appropriate thermal protective clothing, when necessary.

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General Hygiene Considerations	When using, do not eat, drink, or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: Solid

Odor: None to slight petroleum odor.

Odor Threshold No data available

pH Not applicable

Melting point/freezing point	113 – 168.8° F (45 - 76° C)
Initial boiling point and boiling range	>572° F (>300° C)
Flash point	>374.0 °F (>190.0° C) ASTM D-92
Evaporation rate	<0.01 (Butyl acetate =1)
Flammability (solid, gas)	Will support a flame above flash point
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	No data available
Flammability limit – upper (%)	No data available
Explosive limit – lower (%)	0.9%
Explosive limit – upper (%)	7%
Vapor pressure	<0.01 mm Hg (77° F/25°C)
Vapor density	>5(Air = 1)
Relative density	0.9 – 0.93 (77° F/25° C)

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Solubility (ies)	
Solubility (water)	<0.1 % (68° F/20 ° C)
Partition coefficient	No data available.
(n-octanol/water)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Other information	
Partition coefficient (oil water)	<0.01
Percent volatile	Negligible

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.

Hazardous decomposition products Decomposition of this product can generate carbon dioxide , carbon monoxide and other products such as aldehyldes and ketones depending on conditions of oxidation.

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Section 11 - Toxicological Information

Information on likely routes of exposure

Inhalation Not relevant at normal room temperatures. When heated, irritating vapors may be formed. Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons.

Skin Contact Health injuries are not known or expected under normal use. Molten material will produce thermal burns.

Eye Contact Health injuries are not know or expected under normal use. Molten material will produce thermal burns.

Ingestion Health injuries are not known or expected under normal use. Contact with not material can cause thermal burns which may result in permanent damage.

Symptoms related to the physical, chemical and toxicological characteristics

Eye and skin contact: Contact with molten material may cause thermal burns.

Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Skin corrosion/irritation Thermal burn hazard – contact with hot material may cause thermal burns.

Serious eye damage/eye irritation Not classified. Direct contact of molten product to the eyes will cause thermal burns and eye injury

Respiratory or skin sensitization

Respiratory sensitization Not classified

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity Not classified

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Carcinogenicity Not expected to be hazardous by OSHA criteria.

OSHA Specifically Regulated Substances (29 CFR 1910, 1001-1050)
Not listed

Reproductivity toxicity Not classified

Specific target organ toxicity single exposure Not classified

Specific target organ toxicity repeated exposure Not classified

Aspiration hazard Solid product. Not likely, due to the form of the product. Aspiration of large amounts of liquid material is reported to cause lipid pneumonia.

Chronic effects Not expected to be hazardous by OSHA criteria. Exposure to vapors, fumes, or smoke from molten material handled in confined areas can produce irritation of respiratory tracts, and possible physical discomfort to sensitive individuals. In rats, chronic ingestion of paraffins has shown accumulation in target organs (liver, spleen) with associated nonspecific immune reponse.

Further information None.

Section 12 - Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential endocrine disruption, global warming potential) are expected from this component.

Section 13 - Disposal Considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues/unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal Instructions.)

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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Section 14 - Transport Information

DOT Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

General information This product is not regulated as dangerous goods for solid and molten product shipped under 212 °F/100° C. Hot molten product shipped over 212°F/100° C requires a class 9 "HOT" with statement. Elevated temperature material, liquid, N.O.S. 9, UN3257, III (WAX).

Section 15 - Regulatory Information

US Federal regulations This product is not known to be a "hazardous chemical" as defined by the OSHA Hazard Communicatikon Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 1910.1001-1050) Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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Hazard categories
Immediate Hazard – No
Delayed Hazard - No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance Not listed

SARA 311/312 Hazardous No chemical

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not Regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not Regulated.

Safe Drinking Water Act (SDWA) Not Regulated.

US State Regulations

US. Massachusetts RTK – Substance List
Paraffin wax (CAS 8002-74-2)

US. New Jersey Worker and Community Right –to-Know Act
Paraffin wax (CAS 8002-74-2)

US Pennsylvania Worker and Community Right-to-Know Law
Paraffin wax (CAS 8002-74-2)

US. Rhode Island RTK
Not regulated.

US. California Proposition 65
Not Listed.

International Inventories

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Country(s) or region	Inventory Name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Phillippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

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Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	11-March-2015
Revision date	20-April-2015
Version #	02
HMIS® ratings	Health: 0 Flammability: 1 Physical hazard: 0
List of abbreviations	LD50: Lethal Dose, 50%. LC50: Lethal Concentration, 50%. TWA: Time weighted average. STEL: Short term exposure limit. DOT: Department of Transportation. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. OSHA: Occupational Safety and Health Administration. CAS: Chemical Abstracts Service. WHMIS: Workplace Hazardous Materials Information System. HMIS: Hazardous Materials Identification System. NFPA: National Fire Protection Association. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
References	ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices IARC Monographs. Overall Evaluation of Carcinogenicity HSDB® - Hazardous Substances Data Bank Registry of Toxic Effects of Chemical Substances (RTECS)
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SDS 1000 / 2200 /8500-8800 SERIES AND RELATED PRODUCTS

CAS #: 8002-74-2

PRODUCT CODE:

1001A	1230H	1252A	1302F	1376A	2208A	2281U			
1045A	1230K	1252B	1302U	1377A	2209A	2288A			
1070A	1230U	1252U	1303A	1378A	2210A	2289A			
1070C	1231A	1255A	1303F	1379A	2212A	2289B			
1070M	1231B	1255U	1303U	1380A	2214A	2289C			
1070U	1231F	1260A	1304A	1381A	2214U	2289E			
1071A	1231U	1260B	1308A	1383A	2216A	2289G			
1071U	1233A	1260C	1312A	1384A	2220A	2289N			
1072A	1235A	1260D	1313A	1385A	2221A	2289P			
1072B	1235B	1260E	1314A	1386A	2225A	2289U			
1072U	1235C	1260U	1315A	1388A	2225B	2291A			
1074A	1236A	1262A	1316A	1389A	2229A	2295A			
1202A	1236B	1266A	1317A	1390A	2229B	2298A			
1204A	1236C	1266B	1320A	1391A	2234A	2299A			
1205A	1236U	1266C	1324A	1392A	2237A	4616A			
1206A	1237A	1266D	1325A	1393A	2239A	4686B			
1208A	1238A	1269A	1325B	1394A	2243A	8565A			
1210A	1239A	1270A	1325C	1396A	2243B	8599A			
1212U	1239B	1272A	1325D	1397A	2243C	8646A			
1213A	1239U	1274A	1325E	1397U	2243D	8716A			
1214A	1240A	1275A	1326A	1398A	2251A	8718A			
1215A	1240B	1278A	1328A	1399A	2251B	8719A			
1216A	1240U	1282A	1330A	1421A	2251C	8722A			
1217A	1242A	1284A	1331A	1430A	2251U	8736A			
1217B	1243A	1286A	1332A	1435A	2252A	8750A			
1218A	1245A	1288A	1335U	1554A	2258A	8751A			
1221A	1245B	1288B	1339A	1563A	2260A	8752A			
1222A	1246A	1288C	1339B	1563B	2261A	8753A			
1224A	1246B	1290A	1340A	1899A	2264A	8754A			
1225A	1246C	1290B	1342A	1977A	2269A	8755A			
1226A	1246D	1293A	1343A	1977B	2274A	8756A			
1226F	1246E	1294A	1343E	1977S	2277A	8801A			
1227A	1246F	1297A	1343N	1986A	2278A	8801B			
1229A	1246G	1297U	1347A	2202A	2279A				
1230A	1246H	1298A	1347B	2202F	2279B				

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However, the data is provided without any warranty, expressed, written, or implied regarding its correctness or accuracy. Since conditions for use, handling, storage and disposal of this product are beyond PLCP's control, it is the responsibility of the user to determine both safe conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use and/or packaging of this product. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure complete compliance.