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**MATERIAL SAFETY DATA SHEET**

**EMERGENCY OVERVIEW**

This white slippery solid is not hazardous when in a solid form. It has a mild odor when melted and can burn the skin upon contact in its liquid form. No significant immediate hazards for emergency response are known.

**NFPA RATING: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**GENERIC NAME:** CANDLE WAX

**ISSUE DATE:** February 28, 2006

**THIS LUBRICANTS USA PRODUCT IS:**

**PARAFFIN WAX**

**CAS NUMBER:**

Mixture

**SYNONYMS / GENERAL NAMES:**

White wax

**24 HOUR EMERGENCY TELEPHONE:**

(CHEMTREC) 1-800-424-9300

**TECHNICAL INFORMATION:**

1-800-442-5823

**2. COMPOSITION / INFORMATION ON INGREDIENTS / HAZARDOUS INGREDIENTS**

COMPONENTS	CAS NO.	%	HAZARD DATA
1) White wax		100	

**3. HAZARDOUS IDENTIFICATION**

<b>ROUTES OF ENTRY:</b>	
<b>TARGET ORGANS:</b>	
<b>IRRITANCY:</b>	This product is not expected to cause skin or eye irritation
<b>REPRODUCTIVE EFFECTS:</b>	N/A
<b>CANCER INFORMATION:</b>	This product does not contain any components at concentrations above 0.1% that are considered carcinogenic by OSHA, IARC, or NTP.

**4. FIRST AID MEASURES**

<b>EYES:</b>	Check for and remove contact lenses. Flush eyes with cool, clean, low-pressure water while occasionally lifting and lowering eyelids. Seek medical attention if excessive tearing, redness or pain persists.
<b>DERMAL:</b>	Remove contaminated shoes and clothing, wipe off excess material. Wash exposed skin with soap and water. If burned by molten material adhering to skin, cool molten material as quickly as possible with water. See a physician for removal of adhering material and treatment of burn.
<b>INGESTION:</b>	Not expected to be a problem when ingested. If uncomfortable seek medical assistance. Do not induce vomiting unless directed to by a physician.
<b>INHALATION:</b>	Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If breathing is difficult, a qualified individual should administer 100 percent humidified oxygen. Seek medical attention immediately. Keep the affected individual warm and at rest.
<b>INJECTION:</b>	Injection of pressurized hydrocarbons can cause severe, permanent tissue damage. Initial

Product Code(s)

Product Source

	symptoms may be minor. Injection of petroleum hydrocarbons requires immediate medical attention.
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**5. FIRE FIGHTING MEASURES**

<b>FLASH POINT, °C (°F):</b>	>200°C(>392°F)
<b>FLAMMABLE LIMITS (% BY VOLUME):</b>	<b>LOWER:</b> NO DATA <b>UPPER:</b> NO DATA
<b>EXTINGUISHING MEDIA:</b>	Use dry chemical, foam, carbon dioxide or water fog.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	N/A
<b>AUTOIGNITION TEMPERATURE:</b>	N/A
<b>EXPLOSION DATA:</b>	N/A
<b>NFPA RATING:</b>	<b>HEALTH:</b> <u>  0  </u> <b>FLAMMABILITY:</b> <u>  1  </u> <b>REACTIVITY</b> <u>  0  </u>

**6. ACCIDENTAL RELEASE MEASURES**

<b>SPILL PROCEDURES:</b>	Report spills/releases as required to appropriate authorities. US Coast Guard (800-424-8802) and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. If liquid, dike to contain; allow to cool. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current laws and regulations. Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. This material will float on water. Absorbent pads and similar materials can be used.
<b>Ecotoxicity</b>	The major components show no aquatic toxicity at 100 mg/L loading, therefore long-term adverse effects in the aquatic environment are not expected.
<b>Environmental fate</b>	Mobility not established. Bioaccumulative potential not established. This product is expected to be inherently biodegradable at slow to moderate rates.

**7. HANDLING AND STORAGE**

<b>HANDLING &amp; STORAGE PROCEDURES:</b>	If heated, avoid personal contact. Workers must be aware of the significant hazards associated with a hydrocarbon injection injury and should seek medical treatment immediately. Avoid breathing vapors/fumes from heated material.  Store in labeled containers. Store away from strong oxidizing agents or combustible material.  Empty containers may contain product residues that can ignite with explosive force. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to flames, sparks, heat or other potential ignition sources. Consult appropriate federal, state and local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers and/or waste residues of this product.
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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>ENGINEERING CONTROLS:</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentration of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.
<b>GLOVES PROTECTION:</b>	Use gloves constructed of chemical resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. Use heat protective gloves when handling product at elevated temperatures.
<b>EYE PROTECTION:</b>	No eye protection is normally required in its solid state. If it is melted, a safety shield will provide adequate protection under most conditions of use. Have suitable eye wash water available.
<b>RESPIRATORY PROTECTION:</b>	Vaporization or misting is not expected at ambient temperatures. Therefore, the need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation.
<b>CLOTHING RECOMMENDATION:</b>	Avoid prolonged and/or repeated skin contact. If splashing or spraying is expected protective clothing should be worn. This might include gloves, long-sleeves, apron, slicker suit, boots and additional facial protection. If general contact occurs, promptly remove soaked clothing and take a shower.
<b>OTHER COMMENTS:</b>	Use good personal hygiene practices.
<b>Occupational</b>	Applicable workplace exposure levels. 8-hour time-weighted average (TWA)



**DISPOSAL:** time of disposal. Determine compliance status with all applicable requirements prior to disposal.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

<b>PROPER SHIPPING NAME:</b>	Petroleum products n. o. s. (when shipped in solid form). If liquid it is Elevated temperature liquid, n.o.s (contains petroleum wax)
<b>HAZARD CLASS:</b>	Solid is not a DOT controlled material (United States). Liquid is a class 9, packing group III
<b>HAZARD IDENTIFICATION NUMBER:</b>	(If liquid, UN 3257)
<b>DOT PLACARD:</b>	(If liquid) Class 9
<b>COMPATIBILITY CATEGORY:</b>	N/A

**OTHER**

**15. REGULATORY INFORMATION**

**SARA SECTION 313 - TOXIC CHEMICALS:**

This product does not contain toxic chemicals under SARA Section 313 and 40 CFR Part 372.

**SARA SECTION 311 - HAZARD CATEGORIES:**

This product may meet one or more of the criteria for the hazard categories defined in 40 CFR Part 370 as established by Sections 311 and 312 of SARA as indicated below:

NO	<b>IMMEDIATE (ACUTE) HEALTH HAZARD</b>	NO	<b>SUDDEN RELEASE OF PRESSURE HAZARD</b>
NO	<b>DELAYED (CHRONIC) HEALTH HAZARD</b>	NO	<b>REACTIVE HAZARD</b>
NO	<b>FIRE HAZARD</b>		

**SARA SECTION 302 - EXTREMELY HAZARDOUS WASTE:**

This product is not known to contain any components in concentrations greater than one percent that are listed as Extremely Hazardous Substances in 40 CFR Part 355 pursuant to the requirements of Section 302(a) of SARA.

**CLEAN WATER ACT (CWA):**

Under the CWA, discharges of crude oil and petroleum products to surface water without proper Federal and State permits must be reported immediately to the National Response Center at (800) 424-8802.

**CERCLA HAZARDOUS SUBSTANCES:**

Notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4. As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance. Chemical substances present in this product that may be subject to this statute are: None identified.

**U.S. TSCA INVENTORY**

All components of this material are listed on the U.S. TSCA Inventory.

**CALIFORNIA PROPOSITION 65**

This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

**NEW JERSEY RIGHT-TO-KNOW LABEL**

Petroleum wax

**16. OTHER INFORMATION**

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information was prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. Lubricants USA believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is.

<b>NFPA HAZARD RATING</b>	least - 0	slight - 1	moderate - 2	high - 3	extreme - 4
<b>HMIS HEALTH RATING</b>	least - 0	slight - 1	moderate - 2	high - 3	extreme - 4

AP = approximately    EQ = equal    > = greater than    < = less than    NA = not applicable  
 ND = no data    NE = not established

ACGIH = American Conference of Governmental Industrial Hygienists                      AIHA = American Industrial Hygiene Association  
 CERCLA = Comprehensive Environmental Response, Compensation and Liability Act (1980)  
 EPA = Environmental Protection Agency    HMIS = Hazardous Materials Information System  
 IARC = International Agency for Research on Cancer    NFPA = National Fire Protection Association  
 NIOSH = National Institute of Occupational Safety and Health                              NLGI = National Lubricating Grease Institute  
 NPCA = National Paint and Coating Manufacturers Association                              NTP = National Toxicology Program  
 OSHA = Occupational Safety and Health Administration                                      RQ = Reportable quantity  
 SARA = Superfund Amendments and Reauthorization Act (1986)                              TSCA = Toxic Substance Control Act