



400 Chisholm Place, Suite 418  
Plano, Texas 75075

Telephone: (469)241-0950 Telecopier: (469)241-0956

### MATERIAL SAFETY DATA SHEET

#### EMERGENCY OVERVIEW

This clear amber liquid is a water-soluble fluid with a mild odor. Keep product away from ignition sources in an emergency response. Containers should be grounded during product transfer.

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

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**GENERIC NAME:** Cleaner

**ISSUE DATE:** February 21, 2006

**THIS LUBRICANTS USA PRODUCT IS:**

**CPS CLEANER**

**CAS NUMBER:**

Mixture

**SYNONYMS / GENERAL NAMES:**

Cleaner

**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
Petroleum hydrocarbon	64742-52-5	80-95	
Proprietary additives	Proprietary	5-15	

**HAZARDOUS INGREDIENTS:** NONE

**HAZARDOUS PER 29 CFR 1916.1200:** NO

#### 3. HAZARDOUS IDENTIFICATION

<b>ROUTES OF ENTRY:</b>	Skin contact
<b>TARGET ORGANS:</b>	Skin
<b>IRRITANCY:</b>	This product can cause mild, transient, eye irritation with short-term contact with liquids or sprays.
<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. Seek medical attention if tissue appears damaged or if irritation persists. Thoroughly clean contaminated clothing before reuse. Discard contaminated leather goods.
<b>INGESTION:</b>	Do not induce vomiting unless directed to by a physician. Do not give anything to drink

	unless directed to by a physician. Never give anything by mouth to a person who is not fully conscious. Seek medical attention immediately.
<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 symptoms may be minor. Injection of petroleum hydrocarbons requires immediate medical attention.

**5. FIRE FIGHTING MEASURES**

<b>FLASH POINT, °C (°F):</b>	190°C (375°F)
<b>FLAMMABLE LIMITS (% BY VOLUME):</b>	<b>LOWER:</b> NA <b>UPPER:</b> NA
<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>	>600 F
<b>EXPLOSION DATA:</b>	N/A
<b>NFPA RATING:</b>	<b>HEALTH:</b> <u>  1  </u> <b>FLAMMABILITY:</b> <u>  1  </u> <b>REACTIVITY</b> <u>  0  </u>

**6. ACCIDENTAL RELEASE MEASURES**

<b>SPILL PROCEDURES:</b>	Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advised authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Seek cleanup advice from specialists to minimize physical habitat damage. This material will mix with water. Comply with all laws and regulations.
<b>Ecotoxicity</b>	Ecological effects testing has not been conducted on this material. Discharges are expected to cause only localized and non-persistent environmental damage.
<b>Environmental fate</b>	An environmental fate analysis has not been conducted on this specific product.

**7. HANDLING AND STORAGE**

<b>HANDLING &amp; STORAGE PROCEDURES:</b>	Keep container closed. Do not store with strong oxidizing agents. Do not store at temperatures above 120°F or in direct sunlight for extended periods of time.  <u>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; the drum could explode and cause injury or death.</u>  All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
---	---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>ENGINEERING CONTROLS:</b>	Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.
<b>GLOVES PROTECTION:</b>	Use gloves constructed of chemical resistant materials if needed, to avoid prolonged or repeated skin contact.
<b>EYE PROTECTION:</b>	Use splash goggles or face shield when eye contact may occur.
<b>RESPIRATORY PROTECTION:</b>	Use supplied-air respiratory protection in confined or enclosed spaces, if needed.
<b>CLOTHING RECOMMENDATION:</b>	If splashing or spraying is expected chemical-resistant (Tyvek®, nitrile or neoprene) clothing should be worn. This might include long-sleeves, apron, slicker suit, boots and additional facial protection. If general contact occurs, promptly remove soaked

<b>OTHER COMMENTS:</b>	clothing and take a shower. Use good personal hygiene practices. Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
<b>Occupational exposure guidelines</b>	NA

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Light amber liquid
<b>ODOR:</b>	Slight petroleum odor
<b>pH:</b>	NA
<b>VAPOR PRESSURE, mm Hg (25°C):</b>	<1 mm Hg @ 20 C (68 F) by ASTM D 2879
<b>VAPOR DENSITY:</b>	>1 (Air =1)
<b>MELTING POINT:</b>	Not available
<b>BOILING RANGE, 760 mm Hg, °C:</b>	>315 C (>600 F)
<b>SOLUBILITY IN WATER:</b>	Emulsifies with cold water.
<b>SPECIFIC GRAVITY:</b>	0.93 (Water = 1)
<b>EVAPORATION RATE:</b>	< 0.01 @ 1 atmosphere and 25 C.
<b>VISCOSITY 40°C (100°C)</b>	22 cSt @ 40 C
<b>MOLECULAR WEIGHT:</b>	NA
<b>PERCENT VOLATILE:</b>	Negligible @ 1 atm. and 25 C (77 F)

**10. STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY:</b>	Strong oxidizers would present a serious explosion hazard
<b>POLYMERIZATION:</b>	Not expected to occur
<b>THERMAL DECOMPOSITION:</b>	CO <sub>2</sub> , CO, smoke, fumes, unburned hydrocarbons.

**11. TOXICOLOGICAL INFORMATION**

<b>EYE IRRITATION:</b>	This product can cause mild, transient, eye irritation with short-term contact with liquid or sprays.
<b>DERMAL IRRITATION:</b>	Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judge to be neither a corrosive nor an irritant by OSHA criteria.
<b>INHALATION TOXICITY:</b>	Product has a low order of acute oral and dermal toxicity.
<b>INGESTION IRRITATION:</b>	NA
<b>CHRONIC EXPOSURE SYMPTOMS</b>	
<b>OTHER REMARKS</b>	

**12. HEALTH INFORMATION**

**HMIS CODE:**      **HEALTH:**    1    **FIRE:**      1    **REACTIVITY:**    0

No	<b>HIGHLY TOXIC</b>	No	<b>SENSITIZER</b>
No	<b>TOXIC</b>	No	<b>REPRODUCTIVE EFFECTS</b>
No	<b>CORROSIVE</b>	No	<b>MUTAGEN</b>
No	<b>IRRITANT</b>		

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** It is the responsibility of the user to determine if the material is a hazardous waste at the 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>	Not regulated
<b>HAZARD CLASS:</b>	NA
<b>HAZARD IDENTIFICATION NUMBER:</b>	NA
<b>DOT PLACARD:</b>	NA
<b>COMPATIBILITY CATEGORY:</b>	N/A

**15. REGULATORY INFORMATION**

**SARA SECTION 301-304—THRESHOLD PLANNING QUANTITY (TPQ):**  
No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

**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:**  
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.

**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 distillate.

**ADDITIONAL REGULATORY REMARKS**  
Volatile Organic compounds (VOC). This product is exempt from VOC reporting under the California Clean Air Act.

**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