

Industrial Lubricants LLC

Safety Data Sheet

Section 1: Identification

Product Name: Dental Lubricant-Phase Change Hand Piece—LUB-DB2,LUB-SS2 & LUB-CO1

Synonyms: Hydrocarbon Mixture-Food Grade

CAS Number: 64742-58-1, 64742-52-5

Product Use: Industrial and Specialty Lubrication

Manufacturer/Supplier: Industrial Lubricants LLC

Address: 5745 E. Duane Lane, Cave Creek, AZ 85331

General Information: 480-515-1111


Transportation Emergency Number: CHEMTREC: 800-424-9300

Section 2: Hazard(s) Identification

GHS Classification:

Health	Environmental	Physical
Acute Toxicity - Category 2 (inhalation), Category 5 (oral/dermal) Eye Corrosion - Category 2 Skin Corrosion - Category 3	Aquatic Toxicity - Acute 5	Flammable Liquid - Category 4

GHS Label:

	
Symbols ; ,	
Hazard Statements Slightly combustible mixture Vapor Inhalation May cause slight eye irritation. Slight skin irritation may occur under repeated and extensive contact. May cause a laxative effect if ingested.	Precautionary Statements Avoid open flame or other sources of ignition. Avoid aspiration of oil mist into lungs Keep away from eyes, hands and mouth

Section 3: Composition/Information on Ingredients

Component	CAS Number	Weight %
Hydrocarbon mixture- Food Grade	000-00-0	This section is confidential and provided only upon signature of a non-disclosure and non-compete agreement
(See Section 8 for Exposure Limits)		

Section 4: First-Aid Measures

Eye: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes or until irritation subsides. Get immediate medical attention if irritation persists.

Skin: Irritation or Itching of the skin. Immediately flush the skin with plenty of water and soap while removing contaminated clothing. Get immediate medical attention if irritation persists. Wash contaminated clothing before reuse.

Inhalation: Aspiration into the lungs may cause lipoid pneumonia. If liquid is aspirated into the lungs, get immediate medical attention.

Ingestion: Do not induce vomiting unless directed by medical personnel. If nauseous or if gastric discomfort occurs, get immediate medical attention.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Use dry chemical, foam, or carbon dioxide to extinguish fire. Water may be ineffective but should be used to cool fire-exposed containers, structures and to protect personnel.

Fire Fighting Procedures: Do not flush down sewers or other drainage systems. Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

Unusual Fire and Explosion Hazards: Dangerous when exposed to heat or flame. Liquids can be slippery, take care to secure adequate footing.

Combustion Products: Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include carbon dioxide and/or carbon monoxide, sulfur dioxide and possibly phosgene.

Section 6: Accidental Release Measures

Keep unnecessary people away; isolate hazard area and deny entry. Spills to smooth hard surfaces may be very slippery.

Small spills: Wipe up and place into containers for later disposal.

Do not flush to sewer or waterways. Refer to Section 15 for spill/release reporting information.

Section 7: Handling and Storage

Handling

Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use.

Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times.

Storage

Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles. Keep containers tightly closed and upright when not in use. Protect against physical damage.

Section 8: Exposure Controls/Personal Protection

Exposure Limits

Component, Hydrocarbon mixture-Food Grade –PEL 5mg/M - **STEL:** 10mg/M³ for oil mists

Engineering Controls: No special requirements except to control oil mist below established limits.

Personal Protective Equipment (PPE): Good handling practices should be sufficient.

Eye Protection: Not normally required. Wear chemical safety goggles or face shield under splashing conditions.

Skin Protection: Avoid skin contact. Wear gloves impervious to conditions of use.

Respiratory Protection: No special equipment requirements under normal conditions. If exposure limits are exceeded, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable for concentrations up to 10 times the PEL. For higher concentrations, unknown concentrations and for oxygen deficient atmospheres, use a NIOSH approved air-supplied respirator. Engineering controls are the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

Section 9: Physical and Chemical Properties

Flashpoint: Greater than 160°C (320°F)

Autoignition Temperature: Greater than 330°C (505°F)

Boiling Point: 230°C (446°F)

Vapor Pressure: <0.1 mm

Vapor Density(Air=1): >1

% Solubility in Water: Negligible

Pour Point: NA

Molecular Formula: Mixture

Odor/Appearance: Pale yellow and clear color. Light walnut odor

Specific Gravity: 0.87

% Volatile: Data not available

Evaporation Rate (Butyl Acetate =1) Not applicable

Viscosity: 78 to 90 SUS

pH of Concentrate: Not applicable

Section 10: Stability and Reactivity

Stability/Incompatibility: Stable, Avoid contact with strong oxidizing agents such as pure oxygen and chlorine.

Hazardous Reactions/Decomposition Products: Avoid high heat and ignition sources, decomposition will not occur.

Section 11: Toxicological Information

Signs and Symptoms of Overexposure: Slight eye and skin irritation, Large amounts in children may cause drowsiness,

giddiness or other CNS effects.

Acute Effects:

Eye Contact: may cause slight irritation.

Skin Contact: No significant effects expected under short contact.

Inhalation: may cause lipid pneumonia if aspirated into the lungs.

Ingestion: may cause severe gastrointestinal burns.

Target Organ Effects: Data not available

Chronic Effects: Data not available

Medical Conditions Aggravated by Exposure: Data not available

Acute Toxicity Values

Oral LD₅₀ (Rat) = >5000 mg/kg

Dermal LD₅₀ (Rabbit) = Data not available

Inhalation LC₅₀ (Rat) = Data not available

Section 12: Ecological Information* (non-mandatory)

This product has a low probability of toxic environmental impact.

Section 13: Disposal Considerations* (non-mandatory)

This product has been evaluated under RCRA criteria and is not considered a hazardous waste in its purchased form. Does not contain volatile compounds organic compounds as defined by the CARB. Special instructions, small amounts do not have any special requirements.

Section 14: Transport Information* (non-mandatory)

U.S. Department of Transportation (DOT)

Proper Shipping Name: Hydrocarbon mixture-Food Grade

Hazard Class: Not required

UN/NA Number: Not required

Packing Group: Not required

Labels Required: Not required

International Maritime Organization (IMDG)

Proper Shipping Name: Hydrocarbon mixture-Food Grade

Hazard Class: Not required

UN/NA Number: Not required

Packing Group: Not required

Labels Required: Not required

Section 15: Regulatory Information* (non-mandatory)

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): Not required

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory, this product requires no import or export declarations.

Clean Water Act (CWA):

Clean Air Act (CAA):

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Title III Section 311/312: This product in its purchased form is not regulated under the SARA hazard categories.

Immediate Hazard:

Delayed Hazard:

Fire Hazard:

Pressure Hazard:

Reactivity Hazard:

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): Not applicable

Component	CAS Number	Maximum %

State Regulations

California: This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm: Not applicable

Component	CAS Number	Maximum %

International Regulations

Canadian Environmental Protection Act: All of the components of this product are included on the Canadian Domestic Substances list (DSL).

Canadian Workplace Hazardous Materials Information System (WHMIS):

Class B-D3 Combustible

Class D-2B- Toxic

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

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

EU Classification: Slightly combustible; Non Toxic; Non Dangerous to the Environment

EU Risk (R) and Safety (S) Phrases:

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0

Flammability: 1

Reactivity: 0

Revision Indicator: New MSDS

Disclaimer: The information contained herein is accurate to the best of our knowledge. Industrial Lubricants LLC, makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.