

LUBRICOOLANT 4D

MSDS ID: 02454

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LUBRICOOLANT 4D

Product Descriptor: OIL BASED CUTTING FLUID

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
CHLORINATED PARAFFIN	61788-76-9	5 - 15%	None established	
PET. HYDROCARBON	64742-52-5	>30%	TWA 5 STEL 10	MG/M3 (OIL MIST)
4-(2-NITROBUTYL)MORPHOLINE	2224-44-4	1 - 5%	None established	
CAS#1854-23-5				

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING-Product contains irritating or harmful chemical and solvents. Causes eye and skin irritation or burns, and possible respiratory irritation. May be harmful if swallowed. Do not get in eyes, on skin or clothing. Wear eye protection, rubber gloves, protective clothing and footwear. Wash after handling. Avoid breathing dust, mist, or vapors. Heat and evaporation may release vapors that cause respiratory irritation, dizziness or headache. Wear respiratory protection in enclosed areas.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May cause severe irritation with pain, swelling, blurred or impaired vision. SKIN: Irritation with redness, swelling and possible pain. INGESTION: If swallowed, may cause gastric distress, diarrhea, vomiting and possible depression of the central nervous system (CNS). INHALATION: Spray or mists may cause irritation to nose, throat and respiratory tract with pain and breathing difficulty.

CHRONIC: Contact dermatitis or sensitization.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and sensitive skin.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and respiratory tract.

IV. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. Get medical attention.
SKIN: Flush thoroughly with plenty of water. Wash with soap and water. Remove contaminated clothes and shoes and clean before reuse. Get medical attention for any painful, red or injured skin.

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IV. FIRST AID MEASURES (Cont.)

INGESTION: Contains petroleum distillates. Do not induce vomiting because of aspiration hazard. Do not give liquids by mouth except by order of a physician. Contact a physician or Poison Center.

INHALATION: Remove to fresh air. If breathing difficulties continue, get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 315 FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: ND UEL: ND
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Burning or decomposition may form hydrogen chloride or other toxic gases.
EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.
SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Turn off ignition sources. Contain spill. Absorb onto clay or sand. Place in covered metal container. Wash spill area with soap and water. Dispose of waste in accordance with environmental regulations.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: CHLORINATED PRODUCT. Do not mix or store with acids or ammonia containing chemicals. Toxic chlorinated gases may be released. Keep container closed when not in use. Wear protective gear when handling or using product. Protect from high temperatures.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields. Eye wash in use area if contact or splash hazard exists.
PROTECTIVE GLOVES: Nitrile, Neoprene, or other oil resistant materials.
RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Protective clothing to cover exposed skin if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Local exhaust ventilation may be necessary to control any air contaminants to within their Threshold Limit Values (TLV's) during the use of this product.

MATERIAL SAFETY DATA SHEET

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Printed 2/03/04

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Brown liquid; mild odor.**BOILING POINT (DEG F):** 363**FREEZING POINT:** ND**SPECIFIC GRAVITY/BULK DENSITY:** 0.948**pH:** NA**pH 1% SOLUTION:** NA**VOLATILE BY VOLUME:** ND**SOLUBILITY IN WATER:** Insoluble**VAPOR PRESSURE(mmHg):** ND at ND**VAPOR DENSITY:** ND

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.**INCOMPATIBILITY WITH OTHER MATERIALS:** Strong acids, strong oxidizers.**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may form hydrogen chloride, phosgene and chlorinated compounds.**HAZARDOUS POLYMERIZATION:** None known.

XI. TOXICOLOGICAL INFORMATION

No data available.

TOXICITY TEST DATA:No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: No data available.**ECOTOXICITY TEST DATA:** No data available.**ENVIRONMENTAL FATE:** No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not RCRA Regulated Hazardous Waste.Contains petroleum products. Do not discharge to water or sewer. Arrange waste disposal through a licensed disposal company. Dispose of or recycle empty container by product labeling or governmental regulations.

XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:**TSCA:** All ingredients in this product are on TSCA inventory.**HAPS:** Contains no hazardous air pollutants.**VOC CONTENT (EPA Method 24A):** % VOC: ND Lb/Gal VOC: ND**CERCLA/EPCRA:**

Section 313 Toxic Chemicals: None

SARA Section 311/312:

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XV. REGULATORY INFORMATION (Cont.)

ACUTE:YES CHRONIC:NO FIRE:NO REACTIVITY:NO
SUDDEN RELEASE OF PRESSURE:NO
LISTED CARCINOGEN: YES
NTP: NO IARC: YES OSHA: NO
HMIS RATINGS: HEALTH: 2 FIRE: 1 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: C
NFPA RATING: HEALTH: 2 FIRE: 1 REACTIVITY:0 SPECIAL:-
STATE RIGHT-TO-KNOW INFORMATION:
PETROLEUM DISTILLATE - CAS #64742-52-5
4-(2-NITROBUTYL) MORPHOLINE - CAS #2224-44-4 & 1854-23-5
CHLORINATED PARAFFIN - CAS #61788-76-9
CALIFORNIA PROPOSITION 65:
NO

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.