
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

PD-7649-0**MSDS ID: 04149**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PD07649-0
Product Descriptor: LIQUID CONVEYOR LUBRICANT
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
ALKYL DIAMINE	7173-62-8	1 - 5%	None established	
DIETHANOLAMINE	111-42-2	1 - 5%	TWA 2	MG/M3
SODIUM NITRITE	7632-00-0	1 - 5%	None est.	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING-Contains chemicals that may cause irritation to eyes and skin. May be harmful if swallowed. Wear eye protection such as goggles or side shield safety glasses, clothing and rubber gloves to prevent prolonged skin contact. Wash after handling. Contain spills and runoff which may harm the environment.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May cause severe irritation with pain, swelling, blurred or impaired vision. Skin: May cause severe irritation with redness, swelling and possible pain. INGESTION: If swallowed, may cause gastric distress, diarrhea and vomiting. INHALATION: Spray or mists may cause irritation to nose, throat and respiratory tract with pain and breathing difficulty.

CHRONIC: May cause irritant or allergic dermatitis in a sensitive individual.
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 eyes with plenty of water for 15 minutes. 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.

INGESTION: If swallowed, drink several glasses of water. Do not induce vomiting. Consult a physician or poison control center. NOTE: Never give fluids by mouth to an unconscious person.

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

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V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F):None FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: ND UEL: ND
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.
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:
Contain spill. Wear protective clothing. Soak up or absorb liquid on sand or clay. Collect and place in chemical waste container. Dispose of in accordance with governmental regulations. Flush spill area with water.
The Reportable Quantity (RQ) of Sodium Nitrite, CAS #7632-00-0 is 300 gallons or 2500 lbs.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area away from acids. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Chemical goggles if contact or splash hazard exists. Eye wash in use area.
PROTECTIVE GLOVES: Alkali resistant.
RESPIRATORY PROTECTION: Not normally required.
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: Not usually required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, yellow liquid; mild detergent odor.

BOILING POINT (DEG F): ND	FREEZING POINT: ND
SPECIFIC GRAVITY/BULK DENSITY: 1.04	pH: 12.5
pH 1% SOLUTION: 10.9	
VOLATILE BY VOLUME: 70	Weight % solids: ND
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): ND at ND	VAPOR DENSITY: ND

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X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents including chlorinated products.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon and nitrogen.

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: RCRA Regulated Hazardous Waste: Corrosivity Characteristic - D002.

Discharge diluted product to industrial sewer. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of 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: DIETHANOLAMINE AT 3% which is a HAP.

VOC CONTENT (EPA Method 24A): % VOC: ND Lb/Gal VOC: ND

CERCLA/EPCRA:

Section 313 Toxic Chemicals: SODIUM NITRITE at 4% and DIETHANOLAMINE at 3% which are SARA reportables.

SARA Section 311/312:

ACUTE: YES CHRONIC: NO FIRE: NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: NOT CARCINOGENIC

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 2 FIRE: 0 REACTIVITY: 0 SPECIAL: ALK

STATE RIGHT-TO-KNOW INFORMATION:

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XV. REGULATORY INFORMATION (Cont.)

ALKYL AMINO POLYETHOXYLATE - CAS #68439-72-5

WATER - CAS #7732-18-5

ALKYL DIAMINE - CAS #7173-62-8

LAURAMINE OXIDE - CAS #1643-20-5

SODIUM NITRITE - CAS #7632-00-0

DIETHANOLAMINE - CAS #111-42-2

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this 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 applicability of this information for his particular conditions of storage, handling, and use.