
MATERIAL SAFETY DATA SHEET

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

DUJEL 870**MSDS ID: 00308**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DUJEL 870
Product Descriptor: GEL HEAVY DUTY CLEANER
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
ALIPHATIC HYDROCARBONS	64742-47-8	5 - 15%	TWA 400	PPM

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION - Contains petroleum distillates that may cause eye irritation. May be harmful if swallowed. Avoid contact with eyes or clothing. Prolonged contact with undiluted product may cause defatting of skin. Avoid breathing mists, which may cause respiratory irritation. Contain spill and runoff to prevent any environmental damage.

POSSIBLE ROUTES OF ENTRY: Ingestion; Skin contact/absorption

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Irritation with pain, swelling and redness may develop.
SKIN: Irritation with dryness or itching may develop with pain and redness. INGESTION: If swallowed, gastric distress, diarrhea, nausea or vomiting may occur. If vomiting occurs, petroleum distillates may be inhaled into the lungs and cause chemical pneumonia. INHALATION: Overexposure to vapors may cause dizziness, headache, fatigue and respiratory irritation.

CHRONIC: Same as acute effects.

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

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

IV. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. Get medical attention.
SKIN: Flush skin with plenty of water and wash with mild soap. If irritation develops, get medical attention.
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 Control Center.
INHALATION: Remove to fresh air. If breathing difficulties arise, get medical attention.

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V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): >200F 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 suitable absorbent material. Collect and place in chemical waste container. Dispose of in accordance with local, State and Federal regulations. Flush spill area with water.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool dry area. Keep from freezing. If frozen, thaw and mix to make usable. Do not pressurize container to empty. Keep container closed when not in use.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields. Chemical goggles if contact or splash hazard exists.
PROTECTIVE GLOVES: Solvent resistant.
RESPIRATORY PROTECTION: Product does not have any established exposure limits. NIOSH/MSHA approved respirator recommended in enclosed or confined spaces where high air concentration or long exposure may occur.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Eyewash and safety shower in area if contact or splash hazard exists.
ENGINEERING CONTROLS:
VENTILATION: Good general ventilation should be sufficient to control airborne levels.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Hazy amber liquid with mild odor.

BOILING POINT (DEG F): >200F	FREEZING POINT: <50 F
SPECIFIC GRAVITY/BULK DENSITY: 0.99	
pH: 8.7	pH 1% SOLUTION: N/A
VOLATILE BY VOLUME: 85.6	
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): 17.5 at 20	VAPOR DENSITY: 17.3

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X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: No data available.

TOXICITY TEST DATA:

No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

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: NONE

VOC CONTENT (EPA Method 24A): % VOC: 9.8 Lb/Gal VOC: 0.80

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

NONE

SARA Section 311/312:

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

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: None

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 1 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 1 FIRE: 1 REACTIVITY: 0 SPECIAL: NONE

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS# 7732-18-5

ALIPHATIC HYDROCARBONS - CAS# 64742-47-8

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XV. REGULATORY INFORMATION (Cont.)

KEROSENE - CAS# 8008-20-6
SODIUM DIOCTYL SULFOSUCCINATE - CAS# 577-11-7
POTASSIUM OLEATE - CAS# 143-18-0
CALIFORNIA PROPOSITION 65:
None

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.