
MATERIAL SAFETY DATA SHEET

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

PC-3840**MSDS ID: 03640**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PC-3840

Product Descriptor: General Purpose 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
D-LIMONENE	5989-27-5	1 - 5%	None Established	
LINEAR ALCOHOL ETHOXYLATE	68439-46-3	1 - 5%	None est.	
SODIUM HYDROXIDE	1310-73-2	1 - 5%	TLV-C 2	MG/M3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING-Product contains irritating or harmful chemicals which may cause eye or skin irritation or burns. May be harmful if swallowed. Do not get product in eyes, on skin or clothing. Wear eye protection and rubber gloves to prevent skin contact when handling product. Wash after handling. Avoid breathing dust, vapors or product spray. Contain spill and runoff to prevent direct discharge to soil or surface waters.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Burns or severe irritation with pain, redness and swelling.
SKIN: Severe irritation or burns with rash, redness, pain or itching. INGESTION: If swallowed, pain, nausea and vomiting may result.

CHRONIC: Contact dermatitis or sensitization.

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

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

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Flush skin with plenty of water. Remove and launder contaminated clothing before reuse. Get medical attention for irritation or injury.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. Do not induce vomiting. Get prompt medical attention. NOTE: Never give fluids by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If

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IV. FIRST AID MEASURES (Cont.)

not breathing, give artificial respiration. Get medical attention, immediately.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 135F FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NONE UEL: ND
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: COMBUSTIBLE. Avoid sparks or open flames.
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: Contain runoff. Prevent from entering sewer or storm drain.

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.
The Reportable Quantity (RQ) of Sodium Hydroxide, CAS #1310-73-2 is 9,784 gallons or 84,052 Lbs.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: COMBUSTIBLE PRODUCT. Store in a cool area away from sparks, heat and open flames. Use with ventilation. Keep container closed when not in use. Do not pressurize container to empty.

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: Alkali resistant.
RESPIRATORY PROTECTION: Not normally required.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Not normally required.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Use explosion-proof ventilation equipment for vapors or fumes.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear yellow liquid with slight citrus odor.

BOILING POINT (DEG F): 220	FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY: 1.03	
pH: 12.7	pH 1% SOLUTION: 10.6
VOLATILE BY VOLUME: <85	

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IX. PHYSICAL AND CHEMICAL PROPERTIES (Cont.)

SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE(mmHg): 17.5 at 20 C VAPOR DENSITY: ND

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.
INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids, strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon and sulfur.
HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

Contains Corrosive and Irritating alkaline chemicals. See Section II for amounts and identity. Acute toxicology tests are listed below.

TOXICITY TEST DATA:

Sodium hydroxide: Acute Oral LD50 (rat) - 500 mg/kg (RTECS)
Acute Skin LD50 (rabbit) - 1350 mg/kg (MSI)

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: Contains biodegradable, synthetic detergents that may be toxic to aquatic forms. Discharge waste product only to sanitary sewer or on-site waste treatment.

ECOTOXICITY TEST DATA: No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Product is considered D002 - Corrosive if declared RCRA Hazardous Waste.

Adjust pH of diluted product and discharge 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: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: .6 Lb/Gal VOC: 0.05

CERCLA/EPCRA:

Section 313 Toxic Chemicals: None

SARA Section 311/312:

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XV. REGULATORY INFORMATION (Cont.)

ACUTE:YES CHRONIC:NO FIRE:YES REACTIVITY:NO
SUDDEN RELEASE OF PRESSURE:NO
LISTED CARCINOGEN: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 2 FIRE: 2 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: B
NFPA RATING: HEALTH: 2 FIRE: 2 REACTIVITY:0 SPECIAL:Corrosive
STATE RIGHT-TO-KNOW INFORMATION:
WATER - CAS#7372-18-5
D-LIMONENE - CAS #5989-27-5
LINEAR ALCOHOL ETHOXYLATE - CAS #68439-46-3
SODIUM SILICATE - CAS #1344-09-8
DODETHYBENZENE SULFONIC ACID SALT - CAS #27176-87-0
CALIFORNIA PROPOSITION 65:
None of the ingredients are on the California proposition 65 list.

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.