

CONQUER

MSDS ID: 00795

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CONQUER

Product Descriptor: Cleaner

MANUFACTURER: JOHNSON DIVERSEY, INC.  
3630 E. KEMPER ROAD  
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800)851-7145

## II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
HYDROCHLORIC ACID	7647-01-0	15 - 30%	5 (ceiling)	PPM
LINEAR ALCOHOL ETHOXYLATE	68439-46-3	1 - 5%	None est.	

## III. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW:

CORROSIVE-Contains strong acids. Causes severe burns to skin and eyes. May be fatal if swallowed. Do not contact eyes, skin or clothing. Wear goggles, face shield, rubber gloves and protective clothing and boots when handling product. Avoid breathing dust or spray mist. Contain spill and runoff which may cause environmental damage. Contact with iron and other metals may release hydrogen gas.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe burns, tissue damage, or irritation with pain, swelling, blurred or impaired vision, blindness. SKIN: Severe burns, tissue destruction, blisters or rash with swelling and pain. Diluted product may cause redness or irritation. INGESTION: If swallowed, severe burns to mouth and throat may result with pain, gastric perforation and difficulty in swallowing or breathing. INHALATION: Spray or mists cause burns or irritation to nose, throat and respiratory tract with pain, choking, and difficulty in breathing.

CHRONIC: Same as Acute Effects.

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, rinse mouth with water. Dilute by drinking several

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IV. FIRST AID MEASURES (Cont.)

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glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth with water. Get prompt medical attention. NOTE: Never give fluids by mouth to an unconcious person.

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

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V. FIRE FIGHTING MEASURES

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FLASH POINT (degrees F):NONE

LEL:N/A

UEL:N/A

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: Contain runoff. Prevent from entering sewer or storm drain.

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VI. ACCIDENTAL RELEASE MEASURES

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IF MATERIAL IS RELEASED OR SPILLED:

Contain spill. Absorb with sand or clay. Collect material and place in suitable waste container. Neutralize solids and spill area with soda ash or lime. Dispose of by environmental regulations.

The Reportable Quantity (RQ) of Hydrochloric Acid, CAS #7647-01-1 is 2,868 gallons or 26,124 lbs.

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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area. Keep from freezing. If frozen, warm to thaw and mix for use. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: Face shield if contact or splash hazard exists. Eye wash in use area.

PROTECTIVE GLOVES: Acid resistant.

RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Rubber boots, chemical apron and safety shower in use area 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.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Clear Red Liquid with sharp acidic odor.

BOILING POINT (DEG F): ND

FREEZING POINT: ND

VAPOR PRESSURE(mmHg): 17.5 at 20 C

VAPOR DENSITY: ND

pH: <1

pH 1% SOLUTION: <1

VOLATILE BY VOLUME: 70

WEIGHT % SOLIDS: 12.0

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY/BULK DENSITY: 1.092

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Alkalis, carbonates and chlorinated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may form hydrogen chloride, phosgene and chlorinated compounds.

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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Any hazardous effects of the product mixture are based on information for each chemical part. See Section II for amounts of hazardous materials.

TOXICITY TEST DATA:

No data available.

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XII. ECOLOGICAL INFORMATION

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ECOTOXICITY DATA: Product and waste are harmful to fish and aquatic forms. Discharge process waste and overflow to a sanitary sewer or on-site treatment process.

ECOTOXICITY TEST DATA: No data available.

ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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RCRA CLASS: Concentrated product would be considered D002- corrosive if declared hazardous waste.

DISPOSAL: 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.

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XIV. TRANSPORT INFORMATION

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

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XV. REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Hydrochloric Acid (7647-01-0) at 18.5%

VOC CONTENT (PER 40 CFR PART 59): % VOC: 2.95 Lb/Gal VOC: 0.27

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 RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 1 SPECIAL: Acid

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS #7732-18-5

HYDROCHLORIC ACID - CAS #7647-01-1

LINEAR ALCOHOL ETHOXYLATE - CAS #68439-46-3

MIXTURE SUBSTITUTED KETO AMINES & ALCOHOLS - CAS #70776-86-2

CALIFORNIA PROPOSITION 65:

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

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XVI. OTHER INFORMATION

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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 applicability of this information for their particular conditions of storage, handling, and use.