

DILUTED FORMULA C (1/4 OZ/GAL)

MSDS ID: DIL FORM C

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DILUTED FORMULA C (1/4 OZ/GAL)

Product Descriptor: Sanitizer and Deodorizer

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 DIMETHYLETHYL BENZYL AMMONIUM CHLORIDE	68956-79-6	1 - 5%	None est.	
ETHYL ALCOHOL	64-17-5	1 - 5%	TWA: 1000	PPM
N-ALKYLDIMETHYL BENZYLAMMONIUM CHLORIDE	68391-01-5	1 - 5%	None est.	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING - Contains chemicals that cause irritation to eyes and skin. May be harmful if swallowed. Wear eye protection, clothing and rubber gloves to prevent prolonged skin contact. Wash after handling.

POSSIBLE ROUTES OF ENTRY: Ingestion and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Irritation with pain, swelling and redness may develop. SKIN: Irritation or dryness develop with long contact. INGESTION: If swallowed, diarrhea, nausea and vomiting may occur.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, sensitive skin, pulmonary function and asthma.

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: IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION: If swallowed, promptly drink a large quantity of water. Avoid alcohol. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

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

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): >200

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: ND

UEL: ND

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Product may burn if liquid is evaporated by heat or fire.

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V. FIRE FIGHTING MEASURES (Cont.)

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:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: No special instructions. Store at ambient room temperature.

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: Chemical 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: Not usually required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, red colored liquid with mild quat odor.

BOILING POINT (DEG F): 212

FREEZING POINT: ND

SPECIFIC GRAVITY/BULK DENSITY: 0.99

pH: 8.01

pH 1% SOLUTION: NA

VOLATILE BY VOLUME: ND

Weight % solids: <1%

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: Soap and anionic detergents.

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

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X. STABILITY AND REACTIVITY (Cont.)

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

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.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluents containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ECOTOXICITY TEST DATA: No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

PESTICIDE WASTES ARE TOXIC. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for Guidance. DO NOT contaminate water, food or feed by storage or disposal or cleaning of equipment. Dispose of unused, uncontaminated product in compliance with local, state and federal 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: .01 Lb/Gal VOC: <.01

CERCLA/EPCRA:

Section 313 Toxic Chemicals: None

SARA Section 311/312:

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

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: NONE

MATERIAL SAFETY DATA SHEET

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XV. REGULATORY INFORMATION (Cont.)

NTP: NO IARC: NO OSHA: NO

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

PERSONAL PROTECTIVE EQUIPMENT: C

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

STATE RIGHT-TO-KNOW INFORMATION:

ALKYL DIMETHYL BENZYLAMMONIUM CHLORIDE - CAS #68391-01-5

WATER - CAS #7732-18-5

ALKYL METHYLETHYLBENZYL AMMONIUM CHLORIDE - CAS #68956-79-6

ETHYL ALCOHOL - CAS #64-17-5

EPA REGISTRATION NO: 1839-86-875

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.