

CONTROL PLUS

MSDS ID: 00945

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CONTROL PLUS

Product Descriptor: DISINFECTANT-SANITIZER-FUNGICIDE-VIRUCIDE-DEODORIZER

MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800)851-7145  
3240 BENCHMARK DRIVE  
LADSON, SC 29456-3861

## II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	1 - 5%	None est.	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	5538-94-3	< 1.0 %	None established	
N-ALKYL (50% C14, 40% C12, 10% C16) AMMONIUM CHLORIDE	68424-85-1	1 - 5%	None established	
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE	32426-11-2	1 - 5%	None Est,	
EPA REGISTERED PRODUCT #6836-70-70627				

## III. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW:

Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), protective clothing, and protective gloves (rubber, chemical resistant) when handling. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

POSSIBLE ROUTES OF ENTRY: Eye contact. Skin contact. Inhalation.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Corrosive. May cause permanent damage including blindness.  
SKIN: Corrosive. May cause permanent damage. INGESTION: Corrosive. May cause burns to mouth, throat and stomach.  
INHALATION: May cause irritation and corrosive effects to nose, throat and respiratory tract.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis or emphysema, etc., may be more susceptible to irritating effects.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin, respiratory tract, and gastrointestinal tract.

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IV. FIRST AID MEASURES

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EYES: Immediately flush eyes with running water for at least 15 minutes keeping eyelids open. Get medical attention immediately.  
SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment.  
INGESTION: Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.  
INHALATION: If breathing is affected, remove to fresh air. Get medical attention immediately.

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V. FIRE FIGHTING MEASURES

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FLASH POINT (degrees F): >200 FLAME EXTENSION: N/A  
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/E UEL: NONE  
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Burning or decomposition may form hydrogen chloride or other toxic gasses.  
EXTINGUISHING MEDIA: Water, 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.

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VI. ACCIDENTAL RELEASE MEASURES

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

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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL & INDUSTRIAL USE ONLY. Keep container tightly closed. Protect from freezing. Store in a dry, cool and well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: Chemical splash goggles.  
PROTECTIVE GLOVES: Chemical resistant gloves. Includes: Neoprene gloves.  
RESPIRATORY PROTECTION: If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont.)

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A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: If major exposure is possible, wear suitable protective clothing and footwear.

ENGINEERING CONTROLS:

VENTILATION: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Clear red liquid, slight odor.

BOILING POINT (DEG F): >200

FREEZING POINT: 32 F

SPECIFIC GRAVITY/BULK DENSITY: 0.99

pH: 6-8

pH 1% SOLUTION: 6-8

VOLATILE BY VOLUME: 91

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE(mmHg): 17.5 at 20 C

VAPOR DENSITY: 17.3

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents; Reducing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon; hydrogen chloride, chlorine and chlorinated compounds; ammonia

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL TESTING: No data available.

TOXICITY TEST DATA:

No data available.

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XII. ECOLOGICAL INFORMATION

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ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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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,

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XIII. DISPOSAL CONSIDERATIONS (Cont.)

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uncontaminated product in compliance with local, state and federal 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: NONE

VOC CONTENT (EPA Method 24A): % VOC: 1.5 Lb/Gal VOC: 0.12

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: 3 FIRE: 1 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY:0 SPECIAL:CORROSIVE

STATE RIGHT-TO-KNOW INFORMATION:

DIDECYL DIMETHYL AMMONIUM CHLORIDE - CAS #7173-51-5

WATER - CAS #7732-18-5

OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE - CAS# 32426-11-2

DIOCTYL DIMETHYL AMMONIUM CHLORIDE - CAS# 5538-94-3

N-ALKYL C14-C16 AMMONIUM CHLORIDE - CAS# 68424-85-1

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 handling, and use.