
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 1/13/04
Printed 2/03/04

GENI-SEP**MSDS ID: 07603**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: GENI-SEP

Product Discriptor: Germicidal Floor 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
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DIALKYL DIMETHYL AMMONIUM CHLORIDE	68424-17-5	1 - 5%	None Est.	
ETHYL ALCOHOL	64-17-5	1 - 5%	TWA: 1000	PPM
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	8001-54-5	5 - 15%	None Est.	
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE	32426-11-2	5 - 15%	None Est,	
SODIUM METASILICATE	6834-92-0	1 - 5%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CORROSIVE MATERIAL-Causes severe burns to skin and eyes. Harmful if swallowed. Do not contact eyes, skin or clothing. Avoid breathing any dust, spray mist or vapors in spill area. Wash thoroughly after handling product. Wear eye protection, clothing and footwear to prevent skin contact.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: CORROSIVE TO SKIN AND EYES. HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN.

CHRONIC: NOTE: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION AND CONVULSION MAY BE NEEDED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Sensitive skin

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

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to completely flush all chemicals from entire eye surface. Get immediate 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, promptly drink a large quantity of water. Avoid alcohol. Get medical attention. Do not induce vomiting or give

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IV. FIRST AID MEASURES (Cont.)

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): ND FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/A UEL: N/A
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.
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: Contain runoff. Prevent from entering sewer or storm drain.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
DIKE AREA TO CONTAIN SPILL; PUMP LIQUID TO SUITABLE CONTAINER. PICK UP RESIDUE ON ABSORBENT MATERIAL AND TRANSPORT TO APPROVED HAZARDOUS CHEMICAL WASTE TREATMENT FACILITY. FLUSH AREA TO SANITARY SEWER SYSTEM.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: AVOID CONTAMINATION OF FOOD. STORE CONTAINER TIGHTLY CLOSED IN A COOL, DRY AREA.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: Not normally required.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: NORMAL AIR DILUTION
LOCAL VENTILATION: NO

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, green-colored liquid; mild quat odor.

BOILING POINT (DEG F): 214	FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY: 1.03	
pH: 12.9	pH 1% SOLUTION: ND
VOLATILE BY VOLUME: 4	
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): 17	at 20 C. VAPOR DENSITY: 0.62

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X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY WITH OTHER MATERIALS: Soap and anionic detergents.

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

HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

No data available.

TOXICITY TEST DATA:

No data available.

XII. ECOLOGICAL INFORMATION

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.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

TRIPLE RINSE CONTAINER WITH COLD WATER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL 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: ND Lb/Gal VOC: ND

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: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: C

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

STATE RIGHT-TO-KNOW INFORMATION:

n-Alkyl dimethyl benzyl ammonium chloride - CAS# 8001-54-5

Didecyl dimethyl ammonium chloride - CAS# 7173-51-5

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XV. REGULATORY INFORMATION (Cont.)

Water - CAS# 7732-18-5
Ethylenediaminetetraacetic acid, tetrasodium salt - CAS# 64-02-8
Sodium metasilicate - CAS# 6834-92-0
Ethyl Alcohol - CAS# 64-17-5
Dialkyl dimethyl ammonium chloride - CAS# 68424-17-5
Octyl Decyl dimethyl ammonium chloride - CAS# 32426-11-2
EPA Registration #6836-78-3635
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.