
MATERIAL SAFETY DATA SHEET

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

SECURE GEL**MSDS ID: 57502**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SECURE GEL

Product Descriptor: HYGIENIC GEL CLEANER FOR CHILLERS

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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ALCOHOL ETHOXYLATE	68131-39-5	>30%	Not Established	
ETHYL ALCOHOL	64-17-5	15 - 30%	TWA: 1000	PPM

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION - Contains cleaning agents that may cause eye and respiratory irritation. May be harmful if swallowed. Avoid contact with eyes or clothing and breathing of mists. Prolonged contact with undiluted product may cause skin irritation.

POSSIBLE ROUTES OF ENTRY: All Routes of Entry/Exposure

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe irritation with redness, pain and swelling. SKIN: May cause skin irritation. INGESTION: If swallowed, gastric distress, diarrhea, nausea and vomiting may occur. INHALATION: Dust, spray or mists may cause burns or irritation.

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 stomach.

IV. FIRST AID MEASURES

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

SKIN: Rinse off product and wash with mild soap and water.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth. Get immediate medical attention. NOTE: Never give fluids by mouth to an unconscious person.

INHALATION: Remove to fresh air and seek medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 84.2F

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: N/E

UEL: N/E

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.

EXTINGUISHING MEDIA: Carbon dioxide (CO2), foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure

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V. FIRE FIGHTING MEASURES (Cont.)

breathing apparatus SCBA) in fire area.
SPECIAL INSTRUCTIONS: Avoid use of water, which may spread fire.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Contain spill. Wear protective clothing. Soak up or absorb liquid on suitable absorbent material. Collect and place in chemical waste container. Dispose of in accordance with local, State and Federal regulations. Flush spill area with water.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: FLAMMABLE PRODUCT. Do not store near heat, sparks or open flames. Keep container closed when not in use. Product may accumulate a static charge. Use proper grounding during storage or emptying container.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields. Chemical goggles if contact or splash hazard exists.
PROTECTIVE GLOVES: Liquid proof rubber or neoprene gloves. Avoid cotton, wool and leather.
RESPIRATORY PROTECTION: Product does not have any established exposure limits. NIOSH/MSHA approved respirator recommended in enclosed or confined spaces where high air concentration or long exposure may occur.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Long sleeved shirt and clothing to cover exposed skin if contact hazard exists.
ENGINEERING CONTROLS:
VENTILATION: Good general ventilation should be sufficient to control airborne levels.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, slightly viscous liquid, alcohol odor.

BOILING POINT (DEG F): 174.2	FREEZING POINT: <5F
SPECIFIC GRAVITY/BULK DENSITY: 0.97	
pH: N/A	pH 1% SOLUTION: 7.2
VOLATILE BY VOLUME: 45%	
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): N/D	at N/D
	VAPOR DENSITY: N/D

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X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon; oxides of nitrogen

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

TOXICITY TEST DATA:

Linear Alcohol Ethoxylate (CAS# 68131-39-5):

Acute Oral LD50 rat 1800 mg/kg

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Product is considered to be D001 - Ignitable, if declared Hazardous Waste.

Spent or excess product is hazardous waste. Do not discharge to sewer or environment. Arrange disposal through a licensed disposal company or treat by special Waste Disposal Sheet. Recycle or dispose of containers 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: None

VOC CONTENT (EPA Method 24A): % VOC: 20% Lb/Gal VOC: 1.62

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

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 2 FIRE: 3 REACTIVITY: 0

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XV. REGULATORY INFORMATION (Cont.)

PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 2 FIRE: 3 REACTIVITY:0 SPECIAL:None

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS #7732-18-5

ETHANOL - CAS #64-17-5

ALCOHOL ETHOXYLATE - CAS #68131-39-5

BIGUANIDE POLYMER - CAS# 27083-27-8

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.