

MATERIAL SAFETY DATA SHEET



G-5

HMIS		NFPA	Personal protective equipment		
Health	3	3			
Fire Hazard	1	1			
Reactivity	0	0			

Version Number: 2

Preparation date: 2005-02-03

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: G-5

MSDS #: 89271500271

Product code: 3514066, 3514074, 3514091, 89271500271

Recommended use: Sanitizer-Disinfectant-Deodorizer.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversey.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE . CAUSES SKIN BURNS . HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN .

Principle routes of exposure:

Eyes. Skin. Inhalation.

Skin contact:

Corrosive. May cause permanent damage.

Eye contact:

Corrosive. Causes permanent eye damage, including blindness.

Inhalation:

May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion:

Corrosive. Causes burns to mouth, throat and stomach. May be fatal if swallowed .

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Octyl decyl dimethyl ammonium chloride	32426-11-2	1 - 5%	Not available	Not available	Not available
Dioctyl dimethyl ammonium chloride	5538-94-3	1 - 5%	Not available	Not available	Not available
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	1 - 5%	426 mg/kg (rat)	Not available	Not available
Didecyl dimethyl ammonium chloride	7173-51-5	1 - 5%	84 mg/kg (rat)	Not available	Not available
Ethyl alcohol	64-17-5	1 - 5%	7060 mg/kg (rat)	Not available	20 g/kg/10H (rat)

4. FIRST AID MEASURES

Eye contact:

Hold eye open and rinse slowly and gently with water for 15-20 minutes.
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.

Skin contact:

Take off contaminated clothing . Rinse skin immediately with plenty of water for 15-20 minutes .

Inhalation:

If breathing is affected, remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible.

Ingestion:

Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor .

Notes to physician:

Probable mucosal damage may contraindicate the use of gastric lavage .

Aggravated Medical Conditions:

Persons with pre-existing respiratory conditions should be particularly careful about possible respiratory effects .

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.
Specific hazards: Not applicable
Unusual hazards: Corrosive material (See sections 8 and 10).
Specific methods: Use water spray to keep fire-exposed containers cool.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Environmental precautions and clean-up methods: Prevent product from entering drains. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up .

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. 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 AND INDUSTRIAL USE ONLY.

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing . Keep away from heat. Do not contaminate food or feed by storage or disposal .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

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

Personal Protective Equipment

Eye protection: Chemical splash goggles.
Hand protection: Chemical resistant gloves. Includes. neoprene gloves. rubber gloves.
Skin and body protection: Protective footwear. Long sleeved clothing. If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. 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.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5		1900 mg/m ³ 1000 ppm (TWA)	1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Color: Clear Colourless Odor: Slightly sweet Specific gravity: 0.99 g/cc Dilution pH: No information available Bulk density: No information available Vapor density: No information available Evaporation rate: No information available Solubility in other solvents: No information available Viscosity: No information available Partition coefficient (n-octanol/water): No information available	Appearance: Liquid Boiling point/range: Not determined Melting point/range: Not determined pH: 6.0-8.0 Density: 0.99 g/ml Decomposition temperature: Not determined Autoignition temperature: No information available Solubility: Soluble VOC: 2% Flash point: >200 (°F) >100 (°C)
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10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur
Hazardous decomposition products: Hydrogen chloride . Ammoniacal vapors . Nitrogen oxides (NOx) . Carbon dioxide (CO2) .
Materials to avoid: Strong oxidising agents. Reducing agents .

Conditions to avoid: Extremes of temperature and direct sunlight..

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: The information in this section refers to the undiluted product . Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes . Do not contaminate ponds, waterways or ditches with chemical or used container .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations

EPA Reg. No. : 6836-266-70627

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Octyl decyl dimethyl ammonium chloride	32426-11-2	-	-	-	-	-	-
Ethyl alcohol	64-17-5	Listed	Listed	Listed	Listed	Listed	Listed
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	-	-	-	-	-	-
Didecyl dimethyl ammonium chloride	7173-51-5	-	-	-	-	-	-

CERCLA / SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate: Yes

Canada

WHMIS hazard class: Non-controlled, Not for sale in Canada .

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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