

# MATERIAL SAFETY DATA SHEET



## ENVY LIQUID DISINFECTANT CLEANER

HMIS		NFPA	Personal protective equipment
Health	2	2	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date: 2007-08-22

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ENVY LIQUID DISINFECTANT CLEANER

**MSDS #:** 114525005

**Product Code:** 04528, A719

**Recommended use:** Disinfectant. Cleaning product.

**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

WARNING. CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. MAY BE MILDLY IRRITATING TO SKIN.

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.

**Eye contact:** Severe eye irritation.

**Skin contact:** May be mildly irritating to skin.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**Ingestion:** May cause irritation to mouth, throat and stomach .

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	68391-01-5	0.106	Not available	Not available	Not available
n-Alkyl (68% C14, 32% C16) dimethyl ethylbenzyl ammonium chloride	68956-79-6	0.106	Not available	Not available	Not available
Dipropylene glycol methyl ether	34590-94-8	1 - 5%	5230 mg/kg	Not available	Not available

### 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. Get medical attention.

**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. Get medical attention.

**Ingestion:** Give a cupful of water or milk . THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:** None known.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable.

**Specific hazards:** None known.

**Unusual hazards:** None known.

**Specific methods:** No special methods required

## 5. FIRE-FIGHTING MEASURES

**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:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use appropriate containment to avoid environmental contamination.

## 7. HANDLING AND STORAGE

**Handling:**

Avoid contact with skin, eyes and clothing. Do not taste or swallow. 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 AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** No special requirements under normal use conditions  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Dipropylene glycol methyl ether	34590-94-8	150 ppm (STEL) 100 ppm (TWA)	Skin 100 ppm (TWA) 600 mg/m <sup>3</sup> (TWA)	150 ppm (STEL) 900 mg/m <sup>3</sup> (STEL) 60 mg/m <sup>3</sup> (TWA) 100 ppm (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Bulk density:</b> No information available
<b>pH:</b> 12.2	<b>Dilution pH:</b> No information available.
<b>Appearance:</b> Aqueous solution	<b>Vapor density:</b> No information available
<b>Color:</b> Colorless	<b>Evaporation Rate:</b> No information available
<b>Odor:</b> Lavender	<b>Boiling point/range:</b> Not determined
<b>Specific gravity:</b> 1.017	<b>Melting point/range:</b> Not determined
<b>Density:</b> 8.46 lbs/gal	<b>Decomposition temperature:</b> Not determined
<b>VOC:</b> 2.3% *	<b>Autoignition temperature:</b> No information available
<b>Flash point:</b> >200°F >93.3°C	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Solubility:</b> completely soluble	<b>Solubility in other solvents:</b> No information available
<b>Viscosity:</b> No information available	

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur  
**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** None known.  
**Conditions to avoid:** Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg  
**Component Information:** See Section 3  
**Chronic toxicity:** None known

## 11. TOXICOLOGICAL INFORMATION

### Specific effects

Carcinogenic effects: None known  
Mutagenic effects: None known  
Reproductive toxicity: None known  
Target organ effects: None known

## 12. ECOLOGICAL INFORMATION

Environmental Information: No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

## 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/NDSL), Australia (AICS).

### U.S. Regulations

EPA Reg. No. : 70627-33

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

### STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Ammonium hydroxide	1336-21-6	X	X	X	-
Tetrapotassium pyrophosphate	7320-34-5	-	-	-	-
Dipropylene glycol methyl ether	34590-94-8	X	X	X	X
Water	7732-18-5	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ammonium hydroxide	1336-21-6	0.1 - 1.5%	1000		X

None

### SARA 311/312 Hazard Categories

Immediate: X  
Delayed: -  
Fire: -  
Reactivity: -  
Sudden Release of Pressure: -

### Canada

WHMIS hazard class: Not for sale in Canada.

## 16. OTHER INFORMATION

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

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