

# MATERIAL SAFETY DATA SHEET



## SUMA DILAC D5.8

HMIS		NFPA		Personal protective equipment	
Health	3	Health	3		
Fire Hazard	0	Flammability	0		
Reactivity	0	Instability	0		

Version Number: 1

Preparation date: 2010-02-18

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** SUMA DILAC D5.8

**MSDS #:** MS0300344  
**Product Code:** 5257981  
**Recommended use:** Cleaning product. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**  
 US Headquarters  
 JohnsonDiversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 Ramsey Information Phone: 1-800-421-2768  
 MSDS Internet Address:  
 www.ramseycompany.com

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

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

DANGER. CORROSIVE TO EYES. CAUSES EYE BURNS. CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED.

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Skin contact:** Severe skin irritation.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** Corrosive. Causes burns to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Urea hydrochloride	506-89-8	30 - 40%	1121	Not available	Not available

### 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:** If swallowed, rinse mouth. 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:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Specific hazards:** Not applicable.  
**Unusual hazards:** None known.  
**Specific methods:** No special methods required.

**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. Soak up with inert absorbent material. Shovel into suitable container for disposal. Clean up affected area with water.

## 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. 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. . Mix only with water . DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS . Can react to release chlorine gas . 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:

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  
**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.  
**Respiratory protection:** If aerosols, mists, vapors, or dust are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure . 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Bulk density:</b> No information available
<b>Appearance:</b> Liquid	<b>Evaporation Rate:</b> No information available
<b>Specific gravity:</b> 1.123	<b>Vapor density:</b> No information available
<b>Color:</b> Clear Red	<b>Odor:</b> No Odor/Odorless
<b>Boiling point/range:</b> Not determined	<b>Melting point/range:</b> No information available
<b>Decomposition temperature:</b> No information available	<b>Autoignition temperature:</b> No information available
<b>Solubility:</b> Completely Soluble	<b>Solubility in other solvents:</b> No information available
<b>Density:</b> 9.37 lbs/gal 1.123 Kg/L	<b>Flash point:</b> > 200 °F > 93.4 °C
<b>Viscosity:</b> No information available	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Elemental Phosphorus:</b> 0.00 % by wt.	<b>VOC:</b> 0.02 % *
<b>pH:</b> 0.5	
<b>Dilution pH:</b> 0.5 @ 32	

**Explosion limits: - upper:** Not determined - **lower:** Not determined

\* - 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:** Strong oxidising agents. Bases . Ammonia. Do not mix with chlorinated products.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be between 2000 - 3000 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:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**

Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class:** D002

## 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), Europe (EINECS/ELINCS/NLP), Japan (ENCS), New Zealand (NZIoC).

**U.S. Regulations**

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

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Urea hydrochloride	506-89-8	-	-	-	-
Water	7732-18-5	-	-	-	-

**CERCLA/ SARA**

**SARA 311/312 Hazard Categories**

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

**Canada**



**WHMIS hazard class:** D2B Toxic materials

## 16. OTHER INFORMATION

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

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