



**SUMA SUPREME Pot & Pan Detergent**

HMIS		NFPA	Personal protective equipment
Health	3	3	
Flammability	0	0	
Physical Hazard / Instability	0	0	

Version Number: 1

Preparation date: 2013-03-01

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** SUMA SUPREME Pot & Pan Detergent

**MSDS #:** MS0301254  
**Product Code:** 4977476

**Recommended use:**

- Industrial/Institutional
- Warewashing product
- This product is intended to be diluted prior to use

**Manufacturer, importer, supplier:**

US Headquarters Diversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964 Phone: 1-888-352-2249 MSDS Internet Address: www.diversey.com	Canadian Headquarters Diversey, Inc. - Canada 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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**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.

**Principal 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:** May be irritating 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
Magnesium oxide	1309-48-4	1 - 5%	2000	Not available	Not available
Propylene glycol	57-55-6	10 - 20%	10400	20800 mg/kg	Not available
Ethyl alcohol	64-17-5	1 - 5%	7060	Not available	124.7 mg/L (4 h)
Sulphur dioxide	7446-09-5	0.1 - 1.5%	2520	Not available	2500 ppm (1 h)
Sulfuric acid	7664-93-9	0.1 - 1.5%	2140	Not available	510 mg/m <sup>3</sup> (2 h) 347 ppm (1 h)
Dodecylbenzene sulfonic acid	68584-22-5	20 - 30%	1260	Not available	Not available
Alcohol ethoxylates	68439-46-3	5 - 10%	1400	>2 g/kg	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:** 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. If swallowed, give a cupful of water or milk.

**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:** No information available

**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. 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

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Magnesium oxide	1309-48-4	10 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> (TWA)	10 mg/m <sup>3</sup> (TWA)
Ethyl alcohol	64-17-5	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)
Sulphur dioxide	7446-09-5	0.25 ppm (STEL)	5 ppm (TWA) 13 mg/m <sup>3</sup> (TWA)	5 ppm (STEL) 10 mg/m <sup>3</sup> (STEL) 2 ppm (TWA) 5 mg/m <sup>3</sup> (TWA)
Sulfuric acid	7664-93-9	0.2 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Appearance:** Aqueous solution

**Specific gravity:** 1.093

**Vapor density:** No information available

**Bulk density:** No information available

**Evaporation Rate:** No information available

**Color:** Clear Dark Blue

**Odor:** Floral

**Boiling point/range:** Not determined  
**Decomposition temperature:** Not determined  
**Solubility:** Completely Soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available  
**Elemental Phosphorus:** 0.00 % by wt.  
**pH:** 6.44  
**Explosion limits:** - upper: Not determined - lower: Not determined

**Melting point/range:** Not determined  
**Autoignition temperature:** No information available  
**Density:** 9.09 lbs/gal 1.09 Kg/L  
**Flash point:** > 200 °F > 93.4 °C  
**Viscosity:** No information available  
**VOC:** 2.03 % \*  
**Dilution pH:** 6.37 @ 1:640

\* - 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.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be between 1000 - 2000 mg/kg ; Dermal 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

Ingredient(s)	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5		-	
Sulfuric acid	7664-93-9	X	1	

## 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/IMDG:** Please refer to the Diversey HazMat Library, <http://naextranet.diverseyc.com/dot/>, for up to date shipping information.

**DOT Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG Bill of Lading Description:** Same as DOT above.

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL).

### 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:
Magnesium oxide	1309-48-4	X	X	X	-

Sodium methyl ester and fatty acids	149458-07-1	-	-	-	-
Propylene glycol	57-55-6	-	X	X	-
Ethyl alcohol	64-17-5	X	X	X	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Sulphur dioxide	7446-09-5	X	X	X	X
Sulfuric acid	7664-93-9	X	X	X	X
Water	7732-18-5	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sulphur dioxide	7446-09-5	0.1 - 1.5%		500	
Sulfuric acid	7664-93-9	0.1 - 1.5%	1000	1000	X

**SARA 311/312 Hazard Categories**

**Immediate:** X  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -

**Canada**

**WHMIS hazard class:** D2B Toxic materials



Ingredient(s)	CAS #	NPRI
Sulphur dioxide	7446-09-5	X
Sulfuric acid	7664-93-9	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:**

- Contains an added fragrance, see "Odor" heading in section 9 for specific description
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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