



SUMA PAN CLEAN D1.5 General Purpose Pot & Pan Detergent

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Flammability	0	0	
Physical Hazard / Instability	0	0	

Version Number: 2

Preparation date: 2014-05-21

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SUMA PAN CLEAN D1.5 General Purpose Pot & Pan Detergent

MSDS #: MS0301237
Product Code: 03836, 03837, 03838, 03839, 3315083, 100839775
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
 CAUTION. CAUSES EYE AND SKIN IRRITATION.

Principal routes of exposure: Skin contact. Inhalation. Eye contact.
Eye contact: Moderately irritating to the eyes.
Skin contact: Moderately irritating to the skin.
Inhalation: None known.
Ingestion: May cause irritation 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
Dodecylbenzene sulfonic acid	68584-22-5	20 - 30%	1260	Not available	Not available
Ethyl alcohol	64-17-5	1 - 5%	7060	Not available	=124.7 mg/L (4 h)
Magnesium oxide	1309-48-4	0.1 - 1.5%	2000	Not available	Not available
Sulfuric acid	7664-93-9	0.1 - 1.5%	2140	Not available	=510 mg/m ³ (2 h)
Sulphur dioxide	7446-09-5	0.1 - 1.5%	2520	Not available	=2500 ppm (1 h)

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Inhalation: No specific first aid measures are required.
Ingestion: If swallowed, give a cupful of water or milk.
Aggravated Medical Conditions: Persons with pre-existing skin disorders 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.
Extinguishing media which must not be used for safety reasons: No information available.
Specific hazards: Not applicable.
Unusual hazards: None known.

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.

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. Wash thoroughly after handling. 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: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: No information available
Specific gravity: 1.059
Vapor density: No information available
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
Explosion limits: - upper: Not determined - lower: Not determined

Bulk density: No information available
Evaporation Rate: No information available
Color: Clear Dark Blue
Odor: Floral Woody
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 8.83 lbs/gal 1.059 Kg/L
Flash point: > 200 °F > 93.3 °C
Viscosity: No information available
VOC: 2.13 % *
Dilution pH: 7 @ 1:256

* - 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 greater than 5000 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:

This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Applicable

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diverse.com/dot/>, for up to date shipping information.

DOT (Ground) Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG (Ocean) Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

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:
Water	7732-18-5	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-
Cocamidopropyl betaine	61789-40-0	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	-
Magnesium oxide	1309-48-4	X	X	X	-
Sulfuric acid	7664-93-9	X	X	X	X
Sulphur dioxide	7446-09-5	X	X	X	X

CERCLA/ SARA

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

SARA 311/312 Hazard Categories

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

Canada

WHMIS hazard class: D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Ethyl alcohol	64-17-5	X
Sulfuric acid	7664-93-9	X
Sulphur dioxide	7446-09-5	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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