



SUMA BREAK UP Heavy Duty Foaming Grease-Release Cleaner

HMIS		NFPA	Personal protective equipment
Health	1	1	None / Aucune / Ninguno
Flammability	0	0	
Physical Hazard / Instability	0	0	

Version Number: 2

Preparation date: 2014-05-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SUMA BREAK UP Heavy Duty Foaming Grease-Release Cleaner

MSDS #: MS0301227

Product Code: 04495, 04497

Recommended use:

- Industrial/Institutional
- Cleaner/Degreaser
- 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

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: May be mildly irritating to eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None.

Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Water	7732-18-5	90 - 100%	15000	Not available	Not available
Cocamidopropyl betaine	61789-40-0	1 - 5%	4900	Not available	Not available
Lauryl dimethyl amine oxide	1643-20-5	0.1 - 1.5%	2700	Not available	Not available
Alkyl poly glycoside	110615-47-9	0.1 - 1.5%	5000	Not available	Not available
Sodium chloride	7647-14-5	0.1 - 1.5%	3000	Not available	>42 g/m ³ (1 h)
Glycerin	56-81-5	0.1 - 1.5%	12600	>10 g/kg	>570 mg/m ³ (1 h)
Amine, Coco alkyldimethyl, N-oxide	61788-90-7	< 0.1%	2000	Not available	Not available
Amines, C12-14-alkyldimethyl	84649-84-3	< 0.1%	740	Not available	Not available
Citric acid	77-92-9	< 0.1%	3000	Not available	Not available
Cocamidopropyldimethylamine	68140-01-2	< 0.1%	200	Not available	Not available
Magnesium nitrate	10377-60-3	< 0.1%	5440	Not available	Not available
Hydrogen peroxide	7722-84-1	< 0.1%	1193	=2000 mg/kg	=2 g/m ³ (4 h)

Dimethyl-5,5-dimethylhydantion	6440-58-0	< 0.1%	Not available	Not available	Not available
Tetrasodium salt of EDTA	64-02-8	< 0.1%	2000	Not available	Not available
5-chloro-2-methyl-3-isothiazolin-3-one	26172-55-4	< 0.1%	481	Not available	=1.23 mg/L (4 h)
Monochloroacetic acid	79-11-8	< 0.1%	55	=250 mg/kg	>0.25 mg/L (1 h)
Dichloroacetic acid	79-43-6	< 0.1%	2820	Not available	Not available
Potassium chloride	7447-40-7	< 0.1%	2600	Not available	Not available
Magnesium chloride	7786-30-3	< 0.1%	2800	Not available	Not available
2-methyl-4-isothiazolin-3-one	2682-20-4	< 0.1%	2000	Not available	Not available
Dye	2783-94-0	< 0.1%	Not available	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation develops, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation develops, get medical attention.
Inhalation: No specific first aid measures are required.
Ingestion: No specific first aid measures are required.
Aggravated Medical Conditions: None known.

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 and eyes. 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
Glycerin	56-81-5		15 mg/m ³ (TWA) 5 mg/m ³ (TWA)	10 mg/m ³ (TWA)
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m ³ (TWA)	2 ppm (STEL) 3 mg/m ³ (STEL) 1 ppm (TWA) 1.5 mg/m ³ (TWA)
Monochloroacetic acid	79-11-8	0.5 ppm (TWA)		
Dichloroacetic acid	79-43-6	0.5 ppm (TWA)		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Aqueous solution
Specific gravity: 1.002
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: 6.62
Explosion limits: - upper: Not determined - lower: Not determined

Bulk density: No information available
Evaporation Rate: No information available
Color: Clear, Yellow
Odor: Bland
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 8.34 lbs/gal 1 Kg/L
Flash point: > 200 °F > 93.4 °C
Viscosity: No information available
VOC: 0.00 % *
Dilution pH: 6.6 @ 1:20

* - 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

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, 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: 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).

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	-	-	-	-
Cocamidopropyl betaine	61789-40-0	-	-	-	-

Lauryl dimethyl amine oxide	1643-20-5	-	-	-	-
Alkyl poly glycoside	110615-47-9	-	-	-	-

CERCLA/ SARA

SARA 311/312 Hazard Categories

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

Canada

WHMIS hazard class: Non-controlled.

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC

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