

3313117

## MATERIAL SAFETY DATA SHEET

JohnsonDiversey

Clean is just the beginning



## BREAK UP HIGH FOAMING DEGREASER

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2008-09-23

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: BREAK UP HIGH FOAMING DEGREASER

MSDS #: MS0300211

Product Code: 3313117

Recommended use: Heavy Duty Cleaner and Degreaser. This product is intended to be diluted prior to use.

## Manufacturer, importer, supplier:

US Headquarters  
JohnsonDiversey, Inc.  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
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

CAUTION. CAUSES EYE AND SKIN IRRITATION.

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

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

## Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Lauryl dimethyl amine oxide	1643-20-5	5 - 10%	2700	Not available	Not available
Glycerin	56-81-5	1 - 5%	10000	Not available	>570 mg/m <sup>3</sup> (1 h)
Diethanolamine	111-42-2	0.1 - 1.5%	710	=7640 µL/kg	Not available
Ethyl alcohol	64-17-5	0.1 - 1.5%	7060	Not available	Not available

## 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.

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

BREAK UP HIGH FOAMING DEGREASER

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**  
**Environmental precautions**  
**and clean-up methods:**

Use personal protective equipment  
Clean-up methods - large spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

## 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
Glycerin	56-81-5	10 mg/m <sup>3</sup> (TWA)	5 mg/m <sup>3</sup> (TWA) 15 mg/m <sup>3</sup> (TWA)	10 mg/m <sup>3</sup> (TWA)
Diethanolamine	111-42-2	2 mg/m <sup>3</sup> (TWA)		
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m <sup>3</sup> (TWA) 1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Bulk density:</b>	No information available
<b>pH:</b>	7.15	<b>Dilution pH:</b>	7.4 (1:256)
<b>Appearance:</b>	Liquid	<b>Vapor density:</b>	No information available
<b>Color:</b>	Clear Green	<b>Evaporation Rate</b>	No information available
<b>Odor:</b>	No Odor/Odorless	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	1.026	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	8.56 lbs/gal	<b>Decomposition temperature:</b>	Not determined
<b>VOC:</b>	0.9% *	<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	<b>Elemental Phosphorus:</b>	0 %P

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

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable
<b>Polymerization:</b>	Hazardous polymerization does not occur
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Oral LD50 estimated to be greater than 5000 mg/kg
<b>Component Information:</b>	See Section 3
<b>Chronic toxicity:</b>	None known
<b>Specific effects</b>	
<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

**Hazardous ingredients**

Ingredient(s)	CAS #	NTP	IARC	OSHA
Diethanolamine	111-42-2		3	

11. TOXICOLOGICAL INFORMATION			
Ethyl alcohol	64-17-5	X	X

## 12. ECOLOGICAL INFORMATION

Environmental Information: No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

Dispose of in compliance with all Federal, state, provincial, and local laws and 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/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

### U.S. Regulations

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:
Water	7732-18-5	-	-	-	-
Lauryl dimethyl amine oxide	1643-20-5	-	-	-	-
Glycerin	56-81-5	X	-	X	X
Cocamidopropyl betaine	61789-40-0	-	-	-	-
Sodium chloride	7647-14-5	-	-	-	-
Diethanolamine	111-42-2	X	X	X	X
Alkyl poly glycoside	110615-47-9	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethanolamine	111-42-2	0.1 - 1.5%	100		X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethanolamine	X		

### 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
Diethanolamine	111-42-2	X
Ethyl alcohol	64-17-5	X

## 16. OTHER INFORMATION

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

## 16. OTHER INFORMATION

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