

# BREAK-UP HIGH FOAMING DEGREASER

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Reactivity		Fire Hazard	0
	Specific Hazard		Reactivity	0

Protective Clothing	None required.	Emergency Overview	Clear Liquid. See Section 9. CAUTION: May cause eye and skin irritation.
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## Section 1. Chemical Product and Company Identification

Product Name	<b>BREAK-UP HIGH FOAMING DEGREASER</b>	Code	3313117 & 3415711
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	PMS#	Not available.
MSDS#	F-00463003	Validation Date	1/14/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, WI 53177-0902 (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	Print Date	1/14/2004
		Supersedes	No Previous Validation.
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ethyl Alcohol	64-17-5	0.1-1	<b>OSHA (United States).</b> TWA: 1900 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 1880 mg/m <sup>3</sup>	ORAL (LD50): Acute: 7060 mg/kg [Rat]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Polyoxyethylene Decylpropylamine	68478-95-5	1-5	Not available.	Not available.
Alkyl Poly Glycoside	110615-47-9	5-10	Not available.	Not available.
Lauryl Dimethyl Amine Oxide	1643-20-5	5-10	Not available.	Not available.
Cocamidopropyl Betaine	61789-40-0	10-30	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p><b>Eyes</b> May be moderately irritating to eyes.</p> <p><b>Skin</b> May be moderately irritating to skin.</p> <p><b>Inhalation</b> May be irritating to nose, throat, and respiratory tract.</p> <p><b>Ingestion</b> May be irritating to mouth, throat and stomach.</p>
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with plenty of water. If irritation persists, get medical attention.
<b>Skin Contact</b>	Flush immediately with plenty of water. If irritation persists, get medical attention.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention.
<b>Ingestion</b>	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Closed cup: >93.333°C (200°F).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

**Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<b>Eyes</b>	No special requirements under normal use conditions.
<b>Hands</b>	No special requirements under normal use conditions. For prolonged or repeated contact with skin: Rubber gloves. Neoprene gloves.
<b>Respiratory</b>	No special requirements under normal use conditions.
<b>Feet</b>	No special requirements under normal use conditions.
<b>Body</b>	If major exposure is possible, wear suitable protective clothing.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.
<b>Odor</b>	Odorless.
<b>Color</b>	Green.
<b>pH</b>	7.5 [Basic.]
<b>Specific Gravity</b>	1.02
<b>Melting/Freezing Point</b>	0°C (32°F)
<b>Viscosity</b>	300 cP (Dynamic).
<b>Solubility in water</b>	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with oxidizing agents.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat). DERMAL (LD50) Estimated to be greater than 2000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	No special precautions. Dispose of according to all federal, state and local regulations.
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**Section 14. Transport Information**

DOT Classification	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.

**Section 15. Regulatory Information****Reporting in this section is based on ingredients disclosed in Section 2****US Regulations**

**Federal** SARA 302/304/311/312 hazardous chemicals: Sodium Chloride, Lauryl Dimethyl Amine Oxide, Ethyl Alcohol  
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium Chloride, Lauryl Dimethyl Amine Oxide, Ethyl Alcohol  
CERCLA: Hazardous substances.: Ethyl Alcohol

**State** New Jersey: Ethyl Alcohol  
Massachusetts spill list: Ethyl Alcohol  
Massachusetts RTK: Ethyl Alcohol  
Pennsylvania RTK: Ethyl Alcohol

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

**Registered Product Information** Not applicable.



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## Canadian Regulations

**WHMIS Classification** Class D-2B: Material causing other toxic effects (TOXIC).

**WHMIS Icon**



**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. All the ingredients are on the DSL list.

## Section 16. Other Information

**Other Special Considerations** Not available.

**Version** 1

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