

J-WORKS LOW FOAMING GENERAL PURPOSE CLEANER 535

National Fire Protection Association (NFPA)	Fire Hazard Health 0 2 0 Reactivity	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>2</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	2	Fire Hazard	0	Reactivity	0
Health	2								
Fire Hazard	0								
Reactivity	0								
Specific Hazard									
Protective Clothing 	Emergency Overview	Clear. Liquid. See Section 9. WARNING: Causes severe eye and skin irritation. May irritate digestive tract. Concentrate causes substantial but temporary eye injury and skin irritation.							

Section 1. Chemical Product and Company Identification

Product Name J-WORKS LOW FOAMING GENERAL PURPOSE CLEANER 535		Code 2918122 & 2918149 & 2918157 & 2918165
Product Use Industrial/Institutional: Cleaning product.		PMS# 3038418
MSDS# 01460		Validation Date 1/28/2003
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 MSDS Internet Address: www.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-888-746-5971	Print Date 1/28/2003
		Supersedes 1/27/2003.
		<u>In Case of Emergency</u> (800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Tetraborate	1303-96-4	0.1-1	ACGIH TLV (United States). TWA: 5 mg/m ³ 8 hour(s). OSHA PEL (United States). TWA: 10 mg/m ³ 8 hour(s).	Not available.
2-Butoxyethanol	111-76-2	1-5	OSHA (United States). TWA: 120 mg/m ³ ACGIH (United States). TWA: 97 mg/m ³	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Sodium Xylene Sulfonate	1300-72-7	1-5	Not available.	Not available.
Sodium Carbonate	497-19-8	1-5	Not available.	ORAL (LD50): Acute: 4090 mg/kg [Rat]. DUST (LC50): Acute: 2300 mg/m ³ 2 hour(s) [Rat].
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	
Eyes	May be severely irritating to eyes.
Skin	May be severely irritating to skin.
Inhalation	May be irritating to nose, throat, and respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation and diarrhea.

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Medical Conditions Persons with pre-existing skin disorders may be more susceptible to irritating effects. May cause allergic reactions to certain individuals.

Aggravated by Overexposure:

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Not available.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	None known.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	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

Handling	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. 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	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

Eyes Safety glasses with side shields.

Hands For prolonged or repeated contact with skin: Chemical resistant gloves.

Respiratory No special requirements under normal use conditions.

Feet No special requirements under normal use conditions.

Body No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Characteristic.
Color	Clear.
pH	10.6
Specific Gravity	1.04
Boiling/Condensation Point	>93.333°C (200°F)
Melting/Freezing Point	0°C (32°F)
Vapor Pressure	17.5 mmHg
Solubility in water	Complete.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Avoid mixing with:acids, or 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	Not available.
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 applicable 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 CERCLA: Hazardous substances.: 2-Butoxyethanol



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State New Jersey spill list: 2-Butoxyethanol
New Jersey: 2-Butoxyethanol, Sodium Tetraborate
Massachusetts spill list: 2-Butoxyethanol
Massachusetts RTK: 2-Butoxyethanol, Sodium Tetraborate
Pennsylvania RTK: 2-Butoxyethanol, Sodium Tetraborate

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

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: 2-Butoxyethanol.

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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