

# ADVANCE DEGREASER

National Fire Protection Association (NFPA)	Health	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3	
				Reactivity	Fire Hazard	0
		Specific Hazard			Reactivity	1
Protective Clothing 	Emergency Overview			Straw color. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.		

Section 1. Chemical Product and Company Identification					
Product Name	ADVANCE DEGREASER			Code	3318461
Product Use	Industrial/Institutional			PMS#	Not available.
MSDS#	F-00501001			Validation Date	3/22/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiverse.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date		3/22/2004	
		Supersedes		3/17/2004.	
		In Case of Emergency		(800) 851-7145	

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Surfactants	68439-57-6	1-5	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.
2-Butoxyethanol	111-76-2	5-10	<b>OSHA (United States).</b> TWA: 120 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 97 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes: 2002 Adoption.</b> TWA: 20 ppm 8 hour(s). <b>OSHA PEL (United States, 1993). Skin Notes:</b> TWA: 240 mg/m <sup>3</sup> 8 hour(s). TWA: 50 ppm 8 hour(s)	ORAL (LD50): Acute: 470 mg/kg [Rat]. 300 mg/kg [Rabbit]. 1200 mg/kg [Guinea pig]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Sodium Gluconate	527-07-1	0.1-1	Not available.	Not available.
Sodium Hydroxide	1310-73-2	1-5	<b>OSHA (United States).</b> CEIL: 2 mg/m <sup>3</sup> <b>ACGIH (United States).</b> STEL: 2 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). :</b> CEIL: 2 mg/m <sup>3</sup> <b>OSHA PEL (United States, 1993). Notes:</b> TWA: 2 mg/m <sup>3</sup> 8 hour(s)	Not available.

**Section 3. Hazards Identification**

<b>Routes of Entry</b>	Skin Contact. EYE CONTACT. INHALATION.
<b>Potential Acute Health Effects</b>	<p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> Corrosive. May cause permanent damage.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> Corrosive. May cause burns to mouth, throat and stomach.</p>
<b>Medical Conditions Aggravated by Overexposure:</b>	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
<b>See Toxicological Information (section 11)</b>	

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
<b>Skin Contact</b>	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
<b>Ingestion</b>	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**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Open cup: >100°C (212°F) Closed cup: >100°C (212°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>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Special Remarks on Fire and Explosion Hazards</b>	Corrosive material (See sections 8 and 10).

**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. 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. <b>FOR COMMERCIAL AND INSTITUTIONAL USE ONLY</b>
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. <b>KEEP OUT OF REACH OF CHILDREN.</b>

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

<b>Engineering Controls</b>	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
<b>Personal Protection</b>	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves.
<i>Respiratory</i>	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.
<b>Odor</b>	Solvent-like.
<b>Color</b>	Straw color. (Light.)
<b>pH</b>	>12.5 (Conc. (% w/w): 100) [Basic.]
<b>Specific Gravity</b>	1.04
<b>Boiling/Condensation Point</b>	102°C (215.6°F)
<b>VOC</b>	102 g/l
<b>Solubility in water</b>	Not available.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Reactive with acids.
<b>Hazardous Decomposition Products</b>	None known.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	Estimated to be between 2500 and 5000 mg/kg (rat).
<b>Effects of Chronic Exposure</b>	None known.
<b>Other Toxic Effects</b>	None known.

**Section 12. Ecological Information**

Not available.
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**Section 13. Disposal Considerations**

<b>Waste Information</b>	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. 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.  
**DOT Class**  
**UN/NA**  
**DOT Special Considerations**

**TDG Classification**

**TDG Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.  
**TDG Class**  
**PIN/NIP**  
**TDG Special Considerations**

**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: 2-Butoxyethanol, Sodium hydroxide  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 2-Butoxyethanol, Sodium hydroxide  
 SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol  
 Clean Water Act (CWA) 311: Sodium hydroxide  
 CERCLA: Hazardous substances.: 2-Butoxyethanol, Sodium hydroxide

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

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

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** Class E: Corrosive liquid.

**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.

**Section 16. Other Information**

Other Special Considerations Not available.

Version 2.02

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