



ADVANCE TECH LIQUID LAUNDRY BOOSTER

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

Section 1. Chemical Product and Company Identification					
Product Name	ADVANCE TECH LIQUID LAUNDRY BOOSTER			Code	3318516 & 3318524
Product Use	Industrial/Institutional: Industrial/Institutional			PMS#	Not available.
MSDS#	F-00476001			Validation Date	3/18/2004
U.S. Headquarters	JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversev.com		Canadian Headquarters	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	
				Print Date	3/18/2004
				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
Sodium Polyacrylate	9003-04-7	5-10	Not available.	ORAL (LD50): Acute: >40000 mg/kg [Rat]. Not available. Not available.
Water	7732-18-5	60-100	Not available.	
Sodium Hydroxide	1310-73-2	10-30	OSHA (United States). CEIL: 2 mg/m ³ ACGIH (United States). STEL: 2 mg/m ³ ACGIH TLV (United States, 2003). : CEIL: 2 mg/m ³ OSHA PEL (United States, 1993). : TWA: 2 mg/m ³ 8 hour(s)	
Sodium Gluconate	527-07-1	1-5	Not available.	Not available.

Section 3. Hazards Identification	
Routes of Entry	Skin Contact. EYE CONTACT. INHALATION.
Potential Acute Health Effects	
	<i>Eyes</i> Corrosive. May cause permanent damage including blindness.
	<i>Skin</i> Corrosive. May cause permanent damage.
	<i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.
	<i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea. Corrosive. May cause burns to mouth, throat and stomach.

Medical Conditions Aggravated by Overexposure: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

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 immediately.

Skin Contact Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation If breathing is difficult: Remove to fresh air. Get medical attention immediately.

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 Open cup: >100°C (212°F) Closed cup: >100°C (212°F).

Products of Combustion None known.

Fire Fighting Media and Instructions Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.

Protective Clothing (Fire) Put on appropriate personal protective equipment (see Section 8).

Special Remarks on Fire and Explosion Hazards Corrosive material (See sections 8 and 10).

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 INDUSTRIAL USE ONLY

Storage Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protection

Eyes Chemical splash goggles.

Hands Chemical resistant gloves.

Respiratory 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.

Feet Protective footwear.

Body If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Color	Clear.
pH	13.5 (Conc. (% w/w): 100) [Basic.]
Specific Gravity	1.3
Boiling/Condensation Point	100°C (212°F)
VOC	0 %
Solubility in water	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with organic materials, metals, acids.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Estimated to be between 1000 and 2500 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	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	Not available.
Packing Group	-
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	Not available.
Packing Group	-
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: Sodium hydroxide
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium hydroxide
 Clean Water Act (CWA) 311: Sodium hydroxide
 CERCLA: Hazardous substances.: Sodium hydroxide

State New Jersey spill list: Sodium hydroxide
 New Jersey: Sodium hydroxide
 Massachusetts spill list: Sodium hydroxide
 Massachusetts RTK: Sodium hydroxide
 Pennsylvania RTK: 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 1

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