


# ADVANCE TECH LIQUID LAUNDRY SOFTENER

National Fire Protection Association (NFPA)	Fire Hazard		Reactivity	Hazardous Material Information System (HMIS)	Health	1
	Health			Fire Hazard	0	
	Specific Hazard			Reactivity	0	
Protective Clothing	None required.	Emergency Overview	Opaque Blue. Liquid. CAUTION: May be mildly irritating to eyes. May be mildly irritating to skin.			

Section 1. Chemical Product and Company Identification	
Product Name	ADVANCE TECH LIQUID LAUNDRY SOFTENER
Code	3318647 & 3318671
Product Use	Industrial/Institutional
PMS#	Not available.
MSDS#	F-00526001
Validation Date	3/18/2004
U.S. Headquarters	Canadian Headquarters
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com	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
Water	7732-18-5	60-100	Not available.	Not available.
Isopropyl Alcohol	67-63-0	1-5	<b>OSHA (United States).</b> TWA: 980 mg/m <sup>3</sup> STEL: 1225 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 983 mg/m <sup>3</sup> STEL: 1230 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes: Refers to Appendix A -- Carcinogens. ACGIH 2003 Adoption</b> STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s). <b>OSHA PEL (United States, 1993). :</b> TWA: 980 mg/m <sup>3</sup> 8 hour(s). TWA: 400 ppm 8 hour(s)	ORAL (LD50): Acute: 5045 mg/kg [Rat]. 6410 mg/kg [Rabbit]. 3600 mg/kg [Mouse]. DERMAL (LD50): Acute: 12800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 16000 ppm 8 hour(s) [Rat].
N,N'-Ditalow-N"methyl-N""polyethoxyamido ammonium methyl sulfate	68410-69-5	10-30	Not available.	Not available.

**Section 3. Hazards Identification**

**Routes of Entry** Skin Contact. Eye contact. Inhalation.

**Potential Acute Health Effects**

*Eyes* May be mildly irritating to eyes.

*Skin* May be mildly irritating to skin.

*Inhalation* None known.

*Ingestion* None known.

**Medical Conditions** None known.

**Aggravated by Overexposure:**

See Toxicological Information (section 11)

**Section 4. First Aid Measures**

**Eye Contact** Flush immediately with plenty of water. Get medical attention if irritation occurs.

**Skin Contact** Flush immediately with plenty of water. Get medical attention if irritation occurs.

**Inhalation** No specific first aid measures are required.

**Ingestion** No specific first aid measures are required.

**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.

**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 skin and eyes. FOR COMMERCIAL AND INSTITUTIONAL USE ONLY

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

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

**Engineering Controls** No special ventilation requirements. General room ventilation is adequate.

**Personal Protection**

*Eyes* No special requirements under normal use conditions.

*Hands* No special requirements under normal use conditions.

*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.
Color	Opaque Blue.
pH	6 (Conc. (% w/w): 100) [Acidic.]
Specific Gravity	1.01
Boiling/Condensation Point	100°C (212°F)
VOC	2.31 %
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 OXIDIZING AGENTS, acids.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	Estimated to be greater than 5000 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 applicable regulations.
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**Section 14. Transport Information**

<b>DOT Classification</b>	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
DOT Class	Not available.
<b>TDG Classification</b>	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	Not available.

**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: Isopropyl Alcohol  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Isopropyl Alcohol  
 SARA 313 toxic chemical notification and release reporting: Isopropyl Alcohol  
 CERCLA: Hazardous substances.: Isopropyl Alcohol

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

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

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** Not controlled under WHMIS (Canada).

**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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