

ADVANCE TECH LIQUID HOMESTYLE LAUNDRY DETERGENT

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity 0 2		Hazardous Material Information System (HMIS)	Health	2
				Fire Hazard	0
	Specific Hazard			Reactivity	0
Protective Clothing	None required.		Emergency Overview	Blue. Liquid. WARNING: May cause eye and skin irritation.	

Section 1. Chemical Product and Company Identification

Product Name ADVANCE TECH LIQUID HOMESTYLE LAUNDRY DETERGENT		Code	3318575
Product Use Industrial/Institutional		PMS#	Not available.
MSDS# F-00482001		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.johnsondiversey.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
Alcohol Ethoxylate	68002-97-1	10-30	Not available.	Not available.
2-Butoxyethanol	111-76-2	5-10	OSHA (United States). TWA: 120 mg/m ³ ACGIH (United States). TWA: 97 mg/m ³ ACGIH TLV (United States, 2003). : 2002 Adoption. TWA: 20 ppm 8 hour(s). OSHA PEL (United States, 1993). Skin : TWA: 240 mg/m ³ 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].
Optical brightener	27344-41-8	0.1-1	Not available.	ORAL (LD50): Acute: 5580 mg/kg [Rat]. 4920 mg/kg [Mouse]. 6030 mg/kg [Hamster]. DERMAL (LD50): Acute: 2500 mg/kg [Rabbit].
Alkyl aryl sulphonate	25155-30-0	1-5	Not available.	ORAL (LD50): Acute: 1260 mg/kg [Rat].
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Skin Contact. Eye contact. Inhalation.
Potential Acute Health Effects	
<i>Eyes</i>	May be moderately irritating to eyes.
<i>Skin</i>	May be moderately irritating to skin.
<i>Inhalation</i>	None known.
<i>Ingestion</i>	May cause abdominal discomfort, nausea, vomiting and diarrhea. May be irritating to mouth, throat and stomach.
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

Eye Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	No specific first aid measures are required.
Ingestion	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

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 eyes, skin and clothing. Wash thoroughly after handling. FOR INDUSTRIAL 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 If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Color Blue.

pH 7 [Neutral.]

Specific Gravity 1.003

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 oxidizing agents.

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.

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.

TDG Classification

TDG Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class Not applicable.

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, Optical brightener
SARA 311/312 MSDS distribution - chemical inventory - hazard identification:
2-Butoxyethanol, Optical brightener
SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol
CERCLA: Hazardous substances.: 2-Butoxyethanol

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

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.

Section 16. Other Information

Other Special Considerations Not available.

Version 1

Notice to Reader

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