

MATERIAL SAFETY DATA SHEET

GLASS CLEANER AEROSOL

SECTION 1		IDENTIFICATION
PRODUCT:	Product Name:	GLASS CLEANER, AEROSOL
	Product Description:	Aerosol Solvent
	Intended Use:	Glass cleaner
COMPANY IDENTIFICATION		
Supplier:		Ashburn Chemical Technologies 7403 Wright Rd Houston, TX 77041
24 Hour Health Emergency		USA: 800-424-9300 (CHEMTREC)
Transportation Emergency Phone		USA: 800-424-9300 (CHEMTREC)
Product Technical Information		832-399-1015

SECTION 2		HAZARD(S) IDENTIFICATION
EMERGENCY OVERVIEW: Aerosol under pressure. Do not expose to high temperatures 120°F or store in direct sunlight.		
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin		
EYES: May cause irritation.		
INGESTION: Not a likely route of exposure under normal product handling conditions.		
INHALATION: Causes dizziness if inhaled directly or exposed to excessive amounts.		
SKIN: May cause mild irritation, localized defatting.		
MEDICAL CONDITION AGGRAVATED: None known		
CHRONIC HEALTH HAZARDS: None known		
NFPA Hazard ID:	Health: 1	Flammability: 1 Reactivity: 1
HMIS Hazard ID:	Health: 1	Flammability: 0 Reactivity: 1

SECTION 3		COMPOSITION/INFORMATION ON INGREDIENTS (TRADE SECRET)		
INGREDIENT	CAS#	%	OSHA PEL-TWA	ACGIH TLV -TWA
PROPANE/N-BUTANE	68476-86-8		N/A	1000 ppm
ETHYL ALCOHOL	64-17-5		1000 ppm	1000 ppm
2-BUTOXY ETHANOL	111-76-2		50 ppm	20 ppm

SECTION 4	FIRST AID MEASURES
INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.	
SKIN CONTACT: Wash contact areas with soap and water for 15 minutes. Remove and replace contaminated clothing.	
EYE CONTACT: Flush thoroughly with water for 15 minutes. If irritation occurs, get medical assistance.	
INGESTION: Seek immediate medical attention. Do not induce vomiting.	

SECTION 5	FIRE-FIGHTING MEASURES
FLASH POINT: Not Tested	
FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER: N/A LOWER: N/A	
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.	
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.	
HAZARDOUS COMBUSTION PRODUCTS: None known	

SECTION 6	ACCIDENTAL RELEASE MEASURES																				
<p>SPILL: Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.</p> <p>WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.</p> <p>RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).</p>																					
SECTION 7	HANDLING AND STORAGE																				
<p>Store in cool dry area. Do not use or store near heat, open flame or sources of ignition. Do not expose to Temperatures over 120°F. May cause bursting of aerosol cans. Do not use near sparks, heat or open flame. Use only in well-ventilated area. Contents under pressure. Keep out of reach of children. Do not puncture or incinerate container.</p>																					
SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION																				
<p>ENGINEERING CONTROLS / VENTILATION: Ambient ventilation suitable, forced ventilation should not be required</p> <p>RESPIRATORY PROTECTION: Not required with normal use.</p> <p>PROTECTIVE CLOTHING: None</p> <p>ADDITIONAL MEASURES: Follow normal hygiene practices</p> <p>EXPOSURE GUIDELINES: N/A.</p>																					
SECTION 9	PHYSICAL AND CHEMICAL CHARACTERISTICS																				
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SECTION 10	STABILITY AND REACTIVITY																				
<p>CHEMICAL STABILITY: Stable</p> <p>CONDITIONS TO AVOID: Temperatures greater than 120°F may cause bursting.</p> <p>INCOMPATIBILITY: Strong oxidizers, Alkalies, Acids</p> <p>HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None known</p> <p>HAZARDOUS POLYMERIZATION: Will not occur</p>																					
SECTION 11	TOXICOLOGICAL INFORMATION																				
<p>TOXICOLOGICAL INFORMATION:</p> <p>2-Butoxyethanol (111-76-2) LD₅₀ (Oral, Rat) 470 mg/kg; Inhalation rat LC₅₀ (Inhalation, Rat, 4hr) 450 ppm; LD₅₀ (Dermal, Rabbit) 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.</p>																					
SECTION 12	ECOLOGICAL INFORMATION																				
<p>ECOLOGICAL INFORMATION: Ethyl Alcohol (64-17-5) LC₅₀ (Fish, 96hr) 12,900-15,300 mg/L; LC₅₀ (Bacteria, 24hr) 11,200 mg/L; EC₅₀ (Bacteria, 5-30 min) 34,900 mg/L 2-Butoxy Ethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.</p>																					
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SECTION 14	TRANSPORTATION INFORMATION
LAND (DOT) Proper shipping name: Non corrosive cleaning compound. Consumer commodity ORM-D UN1950	
SEA (IMDG) Proper shipping name: Aerosols, Flammable Hazard Class/Division: 21. UN/NA Number: UN1950	
AIR (IATA) Proper shipping name: Aerosols, Flammable Hazard Class/Division: 21. UN/NA Number: UN1950	

SECTION 15	REGULATORY INFORMATION
TSCA STATUS: All Chemicals are listed or exempt.	
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None	
SARA 311/312 HAZARD CATEGORIES: 2-Butoxyethanol (111-76-2) Acute health hazard, Chronic health hazard.	
Ethyl Alcohol (64-17-5) Acute Health, Chronic Health, Fire	
SARA 313 REPORTABLE INGREDIENTS: 2-Butoxyethanol (111-76-2) 1%	
CLEAN WATER ACT: None	
STATE REGULATIONS: This product contains no known chemicals regulated by California's proposition 65. New Jersey's Worker and community Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2; Massachusetts' Right to Know Law: 2-BUTOXY ETHANOL - 111-76-2 Pennsylvania's Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2;	
INTERNATIONAL REGULATIONS: 2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).	

SECTION 16	OTHER INFORMATION
DATE PREPARED): 09/15/14	
The information presented in this MSDS has been compiled from sources deemed reliable. This MSDS is presented in good faith and believed to be accurate as of the effective date shown above. No warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer to insure compliance with federal, state, provincial and local laws and regulations.	
NA – not applicable NR – not reported ND – not determined NE – not established UN – unknown	