



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: : Glass Cleaner 95
 Chemical names, common names: Complex chlorinated hydrocarbon aerosol mixture
 Manufacturer's Name: HURST CHEMICAL COMPANY.
 Address: 2500 San Fernando Road, Los Angeles, CA 90065
 DOT CLASSIFICATION: Consumer Commodity, ORM-D
 Product Information Phone Number: (323) 223-4121
 FOR EMERGENCY, 24 Hour CALL CHEMTREC: 800 424-9300

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Number	Exposure Limits in Air	
		ACGIH (TWA)	OSHA (PEL)
2-Butoxyethanol	111-76-2	25 ppm	25 ppm
Ethanol	64-17-5	1000 ppm	1000 ppm
Hydrocarbon Propellant	68476-85-7	1000 ppm	1000 ppm
Dimethylether	115-10-6	1000ppm	1000ppm

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

Listed Ingredients	CAS Number	Weight % Range
2-Butoxyethanol	111-76-2	3.9

III. PHYSICAL PROPERTIES

Vapor density (air = 1): >1 Specific Gravity: <1 Density lb/gal: 7.92
Solubility in water: Complete Vapor Pressure(psig): 110+/- 5
Evaporation rate (Bu Ac = 1): <1.0 Boiling Point °F: n/a
Appearance and odor: medium cone spray, semi-stable foam ; solvent/floral odor
Volatile Organic Content (VOC,EPA Method 24): 217 gm/l; 1.81 lb/gallon

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS	Health Hazard=2	0=Least	4=Extreme
HAZARD	Flammability=2	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other= Safety glasses and gloves	3 = High	

Flash Point °F: This product is considered to be non flammable as described in 16 CFR 1500.45

Flammable Limits-(Propellant): LEL: 1.8% UEL: 9.2%

Fire extinguishing materials: Carbon dioxide, foam and/or dry chemical may be used.

Special firefighting procedures: Keep containers cool to prevent busting or rupturing.

Unusual fire and explosion hazards: Containers may vent or burst at temperatures above 130°F. Do not spray near open flame or while smoking.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Possible irritation nose and throat. High concentrations may produce headache, dizziness, and nausea.

Contact with skin or eyes: Irritation of eyes and skin possible.Prolonged or repeated skin contact may lead to drying, irritation and dermatitis. Eye contact may cause burning and irritation.

Absorbed through skin: Can lead to hemolytic anemia.

Swallowed: Nausea

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of eyes, skin and mucous membranes; severe exposure may cause hemolytic anemia.

Chronic: Cumulative exposure target organs are liver and kidneys.

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water. Skin contact: Wash promptly with soap and water.

Inhaled: Remove from exposure to fresh air, apply artificial respiration, if necessary.

Swallowed: Seek medical advice. DO NOT give counter agents or induce vomiting.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal. This product contains 2-Butoxyethanol, which has caused liver and kidney damage and hemolytic anemia in test animals.

Other Regulatory Controls: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong oxidizers, heat and open flame.

Hazardous decomposition products (including combustion products):

Carbon dioxide and carbon monoxide. Additional toxic chemicals may be formed in small amounts.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Eliminate ignition sources. Contain spills for salvage or disposal. Minimize dilution water to control spill volume. Avoid run off into sewers and ditches.

Preparing wastes for disposal: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Local exhaust is adequate under normal conditions.

Respiratory Protection: If exposure may exceed occupational exposure (SEC II), use a NIOSH-approved respirator to prevent overexposure.

Eye Protection: Use chemical safety goggles where liquid splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with solvent resistant nitrile gloves.

Other clothing and equipment: Eye wash and quick drench shower facilities should be available in the work area.

Thoroughly clean shoes and wash contaminated clothing before reuse.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Store in original containers in a cool location, safe from physical damage, with containers tightly closed. Do not expose to direct sunlight or store at temperatures above 130f(54C). Store as level 1 aerosol (NFPA 30B).

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

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