

# Detergent 8 ®

## MATERIAL SAFETY DATA SHEET

Alconox, Inc.  
30 Glenn Street  
White Plains, NY 10603  
24 Hour Emergency Number – Chem-Tel (800) 255-3924

### I. IDENTIFICATION

Product Name (as appears on label)	DETERGENT 8
CAS Registry Number:	Not Applicable
Effective Date:	January 1, 2001
Chemical Family:	Liquid Alkaline Detergent
Manufacturer Catalog Numbers for sizes	1701, 1715 and 1755

### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Name	OSHA PEL	ACGIH TLV	(%)
Ethylene glycol monobutyl ether	50 ppm	25 ppm	<5%
Dipropylene glycol methyl ether	100 ppm	100 ppm	20-30%

There are no other ingredients in DETERGENT 8 that appeared on the OSHA Standard 29 CFR 1910 Subpart Z.

### III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (F):	235 F
Vapor Pressure (mm Hg):	No Data
Vapor Density (AIR=1):	No Data
Specific Gravity (Water=1):	0.994
Melting Point:	Not Applicable
Evaporation Rate (Butyl Acetate=1):	No Data
Solubility in Water:	Completely soluble in all proportions
Appearance:	Clear liquid-slight ammonia odor

### IV. FIRE AND EXPLOSION DATA

Flash Point (Method Used):	191°F (Open cup)
Flammable Limits:	LEL: No Data UEL: No Data
Extinguishing Media:	Water, dry chemical, CO <sub>2</sub> , foam
Special Fire fighting Procedures:	Self-contained positive pressure breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	None

### V. REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility (Materials to Avoid):	Strong acids, oxidizers
Hazardous Decomposition or Byproducts:	Thermal decomposition may release nitrous oxides

### VI. HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? Yes Skin? Yes Ingestion? Yes
Health Hazards (Acute and Chronic):	Inhalation of spray or mist may result in varying degrees of irritation. Ingestion may cause discomfort and/or nausea.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No
Signs and Symptoms of Exposure:	Inhalation may cause drowsiness in poorly ventilated areas. Skin contact may prove locally irritating.
Medical Conditions Generally Aggravated by Exposure:	Not established. Unnecessary exposure to this product or any industrial chemical should be avoided. Preexisting skin conditions (such as open wounds) may be aggravated by exposure. Respiratory conditions may be aggravated by the inhalation of mist or spray.
Emergency and First Aid Procedures:	Eyes: Immediately flush eyes with copious amounts of water for at least 15 minutes and seek medical attention immediately. Skin: Flush with plenty of water. Ingestion: Drink large quantities of water or milk. Do not induce vomiting. If vomiting occurs administer fluids. See a physician immediately.

#### **VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken if Material is Released or Spilled:	Use absorbent material and remove with a shovel. Rinse remainder to sewer. Material is biodegradable.
Waste Disposal Method:	Small quantities may be flushed to sewer. Large quantities should be disposed of in accordance with local regulations for alkaline detergent.
Precautions to be Taken in Storing and Handling:	Avoid extreme heat in storing. Open container slowly to release pressure build-up.
Other Precautions:	Avoid splashing and spraying undiluted material. No further special requirements other than the good industrial hygiene and safety practices employed with any industrial chemical.

#### **VIII. CONTROL MEASURES**

Respiratory Protection (Specify Type):	Not required.
Ventilation:	Local Exhaust: Normal Special: Not Required Mechanical: Not Required Other: Not Required
Protective Gloves:	Impervious gloves are required.
Eye Protection:	Goggles and/or splash shields are required
Other Protective Clothing or Equipment:	Eye wash station should be available.
Work/Hygienic Practices:	Wash hands before eating, drinking or smoking.

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