

**Citranox®****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)	CITRANOX
CAS Registry Number:	Not Applicable
Effective Date:	January 1, 2001
Chemical Family:	Anionic Liquid Detergent
Manufacturer Catalog Numbers for sizes	1801, 1815 and 1855

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

There are no hazardous ingredients in CITRANOX as defined by the OSHA Standard and Hazardous Substance List 29 CFR 1910 Subpart Z.

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (F):	217°F
Vapor Pressure (mm Hg):	No Data
Vapor Density (AIR=1):	No Data
Specific Gravity (Water=1):	1.120
Melting Point:	Not Applicable
Evaporation Rate (Butyl Acetate=1):	No Data
Solubility in Water:	Completely soluble in all proportions
Appearance:	Pale liquid-nearly odorless
pH:	2.6 (1%)

IV. FIRE AND EXPLOSION DATA

Flash Point (Method Used):	Greater than 212°F (Open cup)
Flammable Limits:	LEL: No Data UEL: No Data
Extinguishing Media:	Water, dry chemical, CO ₂ , 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):	Oxidizing agents or highly alkaline solutions.

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Hazardous Decomposition or Byproducts:	Ammonia, Carbon Monoxide or Carbon Dioxide may be released on burning
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VI. HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? No Skin? Yes Ingestion? Yes
Health Hazards (Acute and Chronic):	Material will cause eye burns. May cause skin irritation, drying and/or chapping. Ingestion may cause discomfort and/or diarrhea.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No
Signs and Symptoms of Exposure:	Material is locally irritating upon exposure. Can cause burns.
Medical Conditions Generally Aggravated by Exposure:	Not established. Unnecessary exposure to this product or any industrial chemical should be avoided. Preexisting skin disorders may be aggravated by exposure
Emergency and First Aid Procedures:	Eyes: Immediately flush eyes with water for at least 15 minutes. Call a physician. 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 for discomfort.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken if Material is Released or Spilled:	Small spills may be flushed to sewer. Large spills should be neutralized with Lime or Soda Ash. Use absorbent material to recover as much as possible. Dispose of small spills according to local regulations. Rinse traces with plenty of water.
Waste Disposal Method:	Comply with Federal, State and Local Regulations. If approved, may be neutralized with Lime or Soda Ash and flushed to sewer.
Precautions to be Taken in Storing and Handling:	No special precautions in storing. Use protective equipment when handling undiluted material.
Other Precautions:	No 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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