

# Det-O-Jet ®

## MATERIAL SAFETY DATA SHEET

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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)	DET-O-JET
CAS Registry Number:	Not Applicable
Effective Date:	April 17, 2001
Chemical Family:	Liquid Alkaline Detergent
Manufacturer Catalog Numbers for sizes	1632, 1615 and 1655

### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Name	OSHA PEL	ACGIH TLV
Potassium Hydroxide	None	2mg/m <sup>3</sup>
Sodium Hypochlorite	None	None

There are no ingredients in DET-O-JET™ (including those listed above) which appear on the OSHA Standard 29 CFR 1910 Subpart Z. The two ingredients listed above were disclosed due to the corrosive nature of the chemicals.

### III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (F):	212 F
Vapor Pressure (mm Hg):	No Data
Vapor Density (AIR=1):	No Data
Specific Gravity (Water=1):	1.282
Melting Point:	Not Applicable
Evaporation Rate (Butyl Acetate=1):	No Data
Solubility in Water:	Completely soluble in all proportions
Appearance:	Clear liquid-practically odorless

### IV. FIRE AND EXPLOSION DATA

Flash Point (Method Used):	(Closed 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):	Will react (possibly violently) with strong acids.
Hazardous Decomposition or Byproducts:	Hypochlorous acid, hydrochloric acid, chlorine.

### 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. Material is corrosive to all body tissue with which it comes in contact.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No
Signs and Symptoms of Exposure:	Material is corrosive to skin and mucous membranes. Will cause rapid and severe burns.
Medical Conditions Generally Aggravated by Exposure:	Skin contact with preexisting disorders (such as open wounds). Respiratory conditions will be aggravated by spray or mist.
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. See a physician if burns occur. 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:	Get protective equipment. Flush with an abundant supply of water. Dilute acetic acid may be used to neutralize traces. Avoid extreme heat.
Waste Disposal Method:	Dilute well with water. Adjust pH downward, keeping on alkaline side. Flush to sewer. Material is biodegradable.
Precautions to be Taken in Storing and Handling:	Avoid extreme heat in storing. Open container slowly to release pressure build-up.
Other Precautions:	Danger, material is corrosive! Avoid splashing and spraying undiluted material. No other 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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