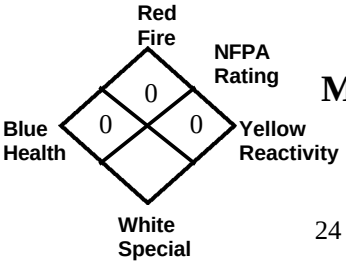


# Liqui-Nox ®

## 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) | LIQUI-NOX |
| CAS Registry Number: | Not Applicable |
| Effective Date: | January 1, 2001 |
| Chemical Family: | Anionic Liquid Detergent |
| Manufacturer Catalog Numbers for sizes | 1232, 1201, 1215 and 1255 |

### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

### III. PHYSICAL/CHEMICAL CHARACTERISTICS

| | |
|---|---|
| Boiling Point (F): | 214°F |
| Vapor Pressure (mm Hg): | No Data |
| Vapor Density (AIR=1): | No Data |
| Specific Gravity (Water=1): | 1.075 |
| Melting Point: | Not Applicable |
| Evaporation Rate (Butyl Acetate=1): | Slower |
| Solubility in Water: | Completely soluble in all proportions. |
| Appearance: | Yellow liquid, nearly odorless |
| pH: | 8.5 (1%) |

### IV. FIRE AND EXPLOSION DATA

| | |
|---|---|
| Flash Point: | None (Cleveland Open Cup) |
| Flammable Limits: | LEL: No Data<br>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 |
| Conditions To Avoid: | None |
| Incompatibility (Materials To Avoid): | Oxidizing agents. |
| Hazardous Decomposition or Byproducts: | May release $SO_2$ on burning |

**VI. HEALTH HAZARD DATA**

| | |
|---|---|
| Route(s) of Entry: | Inhalation? No<br>Skin? Yes<br>Ingestion? Yes |
| Health Hazards (Acute and Chronic): | Skin contact may prove locally irritating, causing drying and/or chapping. Ingestion may cause discomfort and/or diarrhea. |
| Carcinogenicity: | NTP? No<br>IARC Monographs? No<br>OSHA Regulated? No |
| Signs and Symptoms of Exposure: | Prolonged skin contact may cause drying and/or chapping. |
| Medical Conditions Generally Aggravated by Exposure: | Not established. Unnecessary exposure to this product or any industrial chemical should be avoided. |
| Emergency and First Aid Procedures: | Eyes: Immediately flush eyes with water for at least 15 minutes. Call a physician.<br>Skin: Flush with plenty of water.<br>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: | Material foams profusely. For small spills recover as much as possible with absorbent material and flush remainder to sewer. Material is biodegradable. |
| Waste Disposal Method: | Small quantities may be disposed of in sewer. Large quantities should be disposed of in accordance with local ordinances for detergent products. |
| 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<br>Special-Not Required<br>Mechanical-Not Required<br>Other-Not Required |
| Protective Gloves: | Impervious gloves are recommended. |
| Eye Protection: | Goggles and/or splash shields are recommended. |
| Other Protective Clothing or Equipment: | Not required |
| Work/Hygienic Practices: | No special practices required |

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