



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

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| 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

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| 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 |
| pH: | 10.5 (1%) |

IV. FIRE AND EXPLOSION DATA

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| Flash Point (Method Used): | 191°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

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

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| Byproducts: | |
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VI. HEALTH HAZARD DATA

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| 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

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| 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

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| 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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