ALCONOX®

The master cleaner with an international reputation among scientists and technicians who consistently specify ALCONOX when high standards of critical cleaning are required.

For over 35 years this scientifically formulated anionic powder detergent has been found ideal for removing soil and grit from glass, metal, plastic, rubber and hard-surf

ALCONOX is the choice of scientists because it was formulated by scientists:
* It can be used in hot or cold and hard or soft water equally well for achieving the highest standards of critical cleaning.
* It is biodegradable, odorless, colorless and mild (pH 8.9-9.5).
* It is completely soluble and leaves no residue after proper rinsing.
* Its special formulation inhibits corrosive action on most metals.

ALCONOX CHEMICAL DESCRIPTION

Alconox primarily consists of a homogenious blend of alkyl aryl sulphonates and lauryl alcohol sulfates (wetting agents) and phosphates and carbonates (sequestering and synergistic agents). Alconox is anionic. Phosphate analysis averages 7.3% phosphorous by weight as phosphates. Phosphorous at recommended levels 2.1 gram.

ALL ALCONOX PRODUCTS ARE BIODEGRADABLE
Material Safety Data Sheet

IDENTITY (As Used on Label and List)
ALCONOX

Section I
Manufacturer’s Name
ALCONOX, INC.
Address (Number, Street, City, State, and ZIP Code)
215 PARK AVENUE SOUTH
NEW YORK, N.Y. 10003

Emergency Telephone Number
(212) 473-1300

Telephone Number for Information
(212) 473-1300

Date Prepared
JULY 1, 1987

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL
ACGIH TLV

Other Limits
Recommended
% (optional)

THERE ARE NO INGREDIENTS IN ALCONOX WHICH APPEARED ON THE
OSHA STANDARD 29 CFR 1910 SUBPART Z.

Section III — Physical/Chemical Characteristics

Boiling Point
N.A. [Specific Gravity (H_2O = 1)]

Vapor Pressure (mm Hg.)
N.A. [Melting Point]

Vapor Density (AIR = 1)
N.A. [Evaporation Rate (Butyl Acetate = 1)]

Solubility in Water
APPRECIABLE (GREATER THAN 10 PER CENT)

Appearance and Odor
WHITE POWDER INTERSPERED WITH CREAM COLORED FLAKES — ODORLESS

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)
NONE

Flammable Limits
LEL N.A. UEL N.A.

Extinguishing Media
WATER, CO_2, DRY CHEMICAL, FOAM, SAND/EARTH

Special Fire Fighting Procedures
FOR FIRES INVOLVING THIS MATERIAL DO NOT ENTER WITHOUT
PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards
NONE
Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td>NONE</td>
</tr>
<tr>
<td>Stable</td>
<td>XX</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)
AVOID STRONG ACIDS

Hazardous Decomposition or Byproducts
MAY RELEASE CO2 GAS ON BURNING

Hazardous Polymerization
<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NONE</td>
</tr>
<tr>
<td>Will Not Occur</td>
<td>XX</td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)
INHALATION OF POWDER MAY PROVE LOCALLY IRRITATING TO MUCOUS MEMBRANES. INGESTION MAY CAUSE DISCOMFORT AND/OR DIARRHEA.

Carcinogenicity:
NTP? NO
IARC Monographs? NO
OSHA Regulated? NO

Signs and Symptoms of Exposure
EXPOSURE MAY IRRITATE MUCOUS MEMBRANES.
MAY CAUSE SNEEZING.

Medical Conditions Generally Aggravated by Exposure
RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY POWDER.

Emergency and First Aid Procedures
EYES—FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SKIN—FLUSH WITH PLENTY OF WATER. INGESTION—DRINK LARGE QUANTITIES OF WATER, GET MEDICAL ATTENTION FOR DISCOMFORT.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
MATERIAL FOAMS PROFUSELY. SHOVEL AND RECOVER AS MUCH AS POSSIBLE. RINSE REMAINDER TO SEVERE MATERIAL IS COMPLETELY BIODEGRADABLE.

Waste Disposal Method
SMALL QUANTITIES MAY BE DISPOSED OF IN SEWER. LARGE QUANTITIES SHOULD BE DISPOSED OF ACCORDING TO LOCAL REQUIREMENTS FOR NON-HAZARDOUS DETERGENTS.

Precautions to Be Taken in Handling and Storing
STORE IN A DRY AREA TO PREVENT Caking.

Other Precautions
NO SPECIAL REQUIREMENTS OTHER THAN THE GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES EMPLOYED WITH ANY INDUSTRIAL CHEMICAL.

Section VIII — Control Measures

Respiratory Protection (Specify Type)
DUST MASK

Ventilation
<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORMAL</td>
<td>N.A.</td>
</tr>
<tr>
<td>Mechanical (General)</td>
<td>Other</td>
</tr>
<tr>
<td>N.A.</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

Protective Gloves
USEFUL—NOT REQUIRED

Eye Protection
USEFUL—NOT REQUIRED

Other Protective Clothing or Equipment
NOT REQUIRED

Work/Hygienic Practices
NO SPECIAL PRACTICES REQUIRED