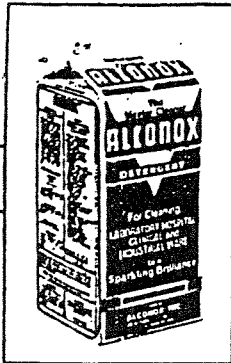


# ALCONOX *Inc.*

215 PARK AVENUE, SO.  
NEW YORK, N. Y. 10003

Tel. 473-1300 • Area Code 212

Cable Address: "ALCONOXINC NEW YORK"



★ DETERGENTS FOR LABORATORIES ★ HOSPITALS ★ INDUSTRY

FAX: 212-353-1342

## TECHNICAL INFORMATION BULLETIN #1

### ALCONOX

3B10468

#9020



## 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-sur-

face materials. Blood and fats are easily removed because of its special formula. ALCONOX'S high potency and instant high wetting action as well as its penetrating sequestering and emulsifying power assures the user of incomparable detergent performance.

Wherever it has been used, ALCONOX has elicited testimonials for its superior performance. Although ALCONOX is used manually, it is excellent for use in ultrasonic cleaners. Whichever way you use it, you'll find it the most effective and dependable cleaner you've ever used.

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 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 homogenous 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**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) <p style="text-align: right; margin: 0;">ALCONOX</p>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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**Section I**

Manufacturer's Name ALCONOX, INC.	Emergency Telephone Number (212) 473-1300
Address (Number, Street, City, State, and ZIP Code) 215 PARK AVENUE SOUTH	Telephone Number for Information (212) 473-1300
NEW YORK, N.Y. 10003	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 <sub>2</sub> O = 1)	N.A.
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.

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.
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Extinguishing Media: WATER, CO<sub>2</sub>, 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

Stability:	Unstable		Conditions to Avoid NONE
	Stable	XX	

Incompatibility (Materials to Avoid) AVOID STRONG ACIDS

Hazardous Decomposition or Byproducts MAY RELEASE CO<sub>2</sub> GAS ON BURNING

Hazardous Polymerization	May Occur		Conditions to Avoid NONE
	Will Not Occur	XX	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? YES Skin? NO Ingestion? YES

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 SEWER. 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 DETERGENT.

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	Local Exhaust	NORMAL	Special	N.A.
	Mechanical (General)	N.A.	Other	N.A.

Protective Gloves USEFUL-NOT REQUIRED Eye Protection USEFUL-NOT REQUIRED

Other Protective Clothing or Equipment NOT REQUIRED

Work/Hygienic Practices NO SPECIAL PRACTICES REQUIRED