



**ALDON CORPORATION**

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MSDS No. AA 97  
Effective Date April 17, 1995

# MATERIAL SAFETY DATA SHEET

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	ALCIAN BLUE	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177	<b>Health</b>	1
<b>Chemical Synonyms</b>	Ingrain Blue		<b>Fire</b>	0
<b>Formula</b>	C <sub>56</sub> H <sub>68</sub> Cl <sub>4</sub> CuN <sub>16</sub> S <sub>4</sub>		<b>Reactivity</b>	0
<b>Unit(s) Size</b>	up to 180 Kg.		<b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	
<b>C.A.S. No.</b>	33864-99-2			

## SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)	%	TLV Units
Alcian Blue	51%	None established.
<b>WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.</b>		

## SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H <sub>2</sub> O = 1)	Not applicable.
Boiling Point (°F)	Not applicable.	Percent Volatile by Volume (%)	Not applicable.
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate ( =1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Not applicable.		
Appearance & Odor	Blue powder.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not applicable.	<b>Flammable Limits in Air % by Volume</b>	NA	Lower	Upper
<b>Extinguisher Media</b>	Water spray; carbon dioxide; dry chemical powder or appropriate foam.				

### SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Emits toxic fumes under fire conditions.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

## SECTION V HEALTH HAZARD DATA

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### Threshold Limited Value

None established.

### Effects of Overexposure

May be harmful by inhalation, ingestion or skin absorption. May cause eye irritation. May cause skin irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**INGESTION:** Rinse mouth out with water. Call physician. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If discomfort or illness develops, get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Not applicable.
	<b>Stable</b>	X		
<b>Incompatibility (Materials to Avoid)</b>	Strong oxidizing agents.			
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, hydrogen chloride gas.			
<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>			
<b>May Occur</b>	<b>Will Not Occur</b>	Not applicable.		
	X			

## SECTION VII SPILL OR LEAK PROCEDURES

### Steps to be taken in case material is released or spilled

Wearing proper protective equipment, sweep up and place in a suitable container for proper disposal. Avoid raising dust. Ventilate area and wash spill site.

### Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

<b>Respiration Protection (Specify Type)</b>	Wear a NIOSH/MSHA approved respirator.			
<b>Ventilation</b>	<b>Local Exhaust</b>	Yes.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Yes.	<b>Other</b>	No.
<b>Protective Gloves</b>	Rubber.		<b>Eye Protection</b>	Chemical safety goggles.
<b>Other Protective Equipment</b>	Lab coat, apron, eye wash station, proper gloves, ventilation hood.			

## SECTION IX SPECIAL PRECAUTIONS

### Precautions to be Taken in Handling & Storing

Keep container tightly closed when not in use. Store in a cool, dry place. Wash thoroughly after handling.

### Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid inhalation. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Rev. No.	No. 1	Date	4/17/95	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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