

McGraw MAR 16 1990

#22
Mech Equip

CA #34 mech. equip.

MATERIAL SAFETY DATA SHEET
emergency telephone 414-332-8440

Name: Alliance Group Inc Address: 600 East Keefe Avenue
City: Milwaukee State: Wisconsin Zip: 53212
Product name: CST-20
Product code: 0153

Section II - Hazardous Ingredient

CAS Number	Chemical Component	%	TLV (mg/m ³)	Hazard Data
1310-73-2	Sodium Hydroxide	>5.0	2	PEL 2mg/m ³

Section III-Physical Data

Solid: Liquid: X Appearance and odor: Lt. Yellow/Slight odor
Specific Gravity: 1.24 pH: >11.5
Solubility in water: Complete Freezing Point:
% Volatiles: none

Section IV - Fire and Explosive Data

Flash Point: not flammable Flammable Limits N.A. Lf1 uf1

Extinguishing
Media: Water fog, Dry Chemical, Foam

Special Fire Hazards and Equipment Required: Protective clothing and pressure-demand self contained breathing apparatus should be used by firefighters in areas where product is stored.

Section V- Reactive Hazards

Product Hazardous
Stable: No Yes X Polymerization: Will not occur

Conditions to avoid:

Incompatibility: Aluminum, tin, zinc, and their alloys, strong acids.

Hazardous Decomposition Products: None

Section VI - Health Hazards msds0153

Eyes: Destructive to eye tissue on contact. Will cause burns that result in damage to the eyes and even blindness.

Skin: Causes burns.

Ingestion: Burns and tissue perforation of mucous membranes of the mouth, throat, esophagus, and stomach.

Inhalation: Airborne mist or spray may cause damage to the upper respiratory tract and even to the lung tissue which could produce a chemical pneumonia.

Principal Routes of Absorption: Skin contact

Acute effects of Overexposure: Corrosive to all body tissue with which it comes in contact.

Chronic Effects of Overexposure: Superficial destruction of the skin or of primary irritant dermatitis. Irritation or damage to respiratory tract tissues. Increased susceptibility to respiratory illness.

*First Aid Procedure—Never give fluids or induce vomiting if patient is unconscious or having convulsions.
CALL A PHYSICIAN*

Eyes: Flush eyes with large quantities of cool water for at least 15 minutes. Washing eyes within 1 minute is essential. Seek medical attention immediately.

Skin: Immediately wash with water for 15 minutes. Remove contaminated clothing and footwear. Wash clothing before reuse. Discard footwear. Seek medical attention immediately.

Ingestion: Give large amounts of water and several glasses of milk. DO NOT INDUCE VOMITING. If vomiting occurs spontaneously keep airway clear. Seek medical attention immediately.

Inhalation: Remove from contaminated atmosphere. If breathing has stopped resuscitate and administer oxygen. Seek medical attention immediately.

Section VII - Normal Handling Procedures

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Precautions to be taken

in Handling and Storage: Keep container tightly closed when not in use. Store in a cool, dry, secure area. Do not store near acids or metals (see incompatibility). Wear protective gear listed below when handling. Do not transfer to unlabeled containers.

Protective Equipment:

Eyes: Face shield and chemical goggles

Gloves: Rubber gloves

Other: Impervious protective clothing-apron, gauntlets.
Eye wash facilities and showers.

Ventilation Requirements: Adequate local exhaust ventilation
NOTE: where carbon monoxide may be generated, special ventilation may be required.

Corrosive Action on Materials: Corrosive to most materials and in concentrated form.

Section VIII- Spill or Leak Control Procedures

Steps to be taken in case of spills: Avoid contact. Wear protective equipment. Absorb on absorbent.

Waste disposal methods: Contact local environmental authorities to ensure proper disposal.

The above information is believed to be accurate and discloses the known hazards for this product as of this date. No additional warranties are made.

Date: March 14, 1986 By Dennis C. Miller