

Material Safety Data Sheet

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May be used to comply with OSHA's Hazard Communication Standard 29CFR 191. 1200. Standard must be consulted for specific requirements.

830T-9 CTP REPLENISHER

SECTION 1 -

Manufacturer's Name	Anocoil Corporation	Common Name	830T-9 CTP REPLENISHER		
Address	P. O. Box 1318	Emergency Telephone no.	860-871-1200		
City, State and ZIP	Rockville, CT 06066	Other Information Calls	Chemtrek 800-424-9300		
Signature of Person Responsible for Preparation (Optional)		Date Prepared	09/30/2008	Revision Date	

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY

Hazardous Component(s) (chemical & common name(s))	Sodium Metasilicate	CAS NO.	6834-92-0
OSHA PEL	None Established	% (optional)	5% - 15%
ACGIH TLV	None Established		
Other Exposure Limits	None Established		
Hazardous Component(s) (chemical & common name(s))	Anionic Surfactant	CAS NO.	Trade Secret
OSHA PEL	None Established	% (optional)	1% - 11%
ACGIH TLV	None Established		
Other Exposure Limits	None Established		

Section 2 Comments

The remainder of the solution is water

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212 Degrees F	Specific Gravity (H2O=1)	1.06	Vapor Pressure (mm Hg)	No Data
	Vapor Density (Air = 1)	No Data			
Solubility in Water	Complete	Reactivity in Water	None		
Appearance and Odor	Clear/None	Melting Point	N/A		

Section 3 Comments

This is an aqueous alkaline solution - pH = 13.2 and is considered corrosive. This product contains no VOC's or HAP's.

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	None	Method Used	None	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	N/A	Extinguisher Media	Choose media suitable for surrounding materials.					

Special Fire

Fighting Procedures

Evacuate area and fight fire from a safe distance. Wear positive pressure demand breathing apparatus and protect eyes and skin. Use water to cool fire-exposed containers, to protect personnel and to disperse vapor and spills. Water runoff can damage the environment. Dike and collect water used to fight fire.

Unusual Fire and

Explosion Hazards

None

Section 4 Comments

None

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SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions
Stable to avoid **Excessive Heat.**

Incompatibility
(Materials to avoid) **Strong acids**

Hazardous
Decomposition Products **None known**

Hazardous May Occur Conditions
Polymerization Will Not Occur to Avoid **N/A**

Section 5 Comments
None

SECTION 6 - HEALTH HAZARDS

1. Acute **Irritating by contact with skin and eyes. May cause burns with scarring to skin. May cause permanent corneal opacification. May cause skin discoloration. Irritating to respiratory tract if inhaled. May cause abdominal pain and burns to mouth and lips if ingested.**

2. Chronic **Chronic dermatitis. May cause eczematous skin conditions.**

Signs and
Symptoms of Exposure **Prolonged exposure will cause irritation or burns to the skin and eyes.**

Medical Conditions Generally
Aggravated by Exposure **Skin sensitivity**

Chemical Listed as Carcinogen or Potential Carcinogen No	National Toxicology Program Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Emergency and
First Aid Procedures **See "routes of entry" for details**

ROUTES 1. Inhalation **Move to fresh air. If victim is having difficulty breathing give oxygen if available. If victim is not breathing, start CPR and get immediate medical attention.**

OF 2. Eyes **Flush eyes with large amounts of water for at least 15 minutes. Get medical attention immediately**

ENTRY 3. Skin **Flush skin with large amounts of water. Remove contaminated clothing. See a doctor if rash, redness or irritation develops.**

4. Ingestion **Do not induce vomiting or give anything by mouth without emergency medical instructions. Immediately seek medical attention. If victim is unconscious, trained personnel should start CPR. Never give an unconscious person anything by mouth.**

Section 6 Comments
This material has a pH of 13 - Very Alkaline Material.

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SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be Taken
in Handling and Storage

Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid breathing mist, dust, vapors or fumes. Harmful if swallowed. Store in a cool, dry and well ventilated area away from incompatible materials.

Other
Precautions

None

Steps to be Taken in Case

Material is Released or Spilled

Keep unnecessary and unprotected personnel from entering the spill area. Wear appropriate protective clothing. Absorb spill with inert material, sweep up and hold in properly labelled DOT container for disposal. Dike large spills to minimize the spill area. Material can cause environmental damage. Prevent material from contaminating soil or entering sewer or bodies of water.

Waste Disposal

Methods (Consult federal, state, and local regulations)

Discharging this material to the sewer may require a permit. Do not discharge to septic systems. Observe all local, state and federal regulations when disposing of this material.

Section 7 Comments

Material exhibits "corrosive" hazardous waste characteristics.

SECTION 8 - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection

(Specify Type)

Respiratory protection is generally not required. Refer to 29CFR 1910.134 for OSHA requirements.

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
Yes	Yes	Yes	No	No

Protective Gloves	Wear chemical resistant gloves.	Eye Protection	Use chemical splash goggles.
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Other Protective

Clothing or Equipment

Chemical resistant apron or lab coat.

Work / Hygienic Practices

Wash thoroughly after handling. Avoid contact with skin and eyes.

Section 8 Comments

NFPA Rating

Health	Flammability	Reactivity
2	0	0

Special precautions

None