

CITY SCHOOL DISTRICT
SYRACUSE, NEW YORK

MEMORANDUM

TO: All Head Custodians *CVV*
FROM: Carl V. Verzillo, Assistant Supt. for Buildings and Grounds
DATE: November 20, 1991
SUBJECT: MSDS Sheet for Chemtreat CT-30

Please add the attached sheets to your MSDS Book.

cc: Larry Fiorenza, Supt. of Facilities Maintenance
Carole Wasko, Coordinator of Environmental Safety
John Melfi, Maintenance Office



CVV:pr



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PRODUCT SAFETY DATA SHEET

SECTION I

TRADE NAME CHEMTREAT CT-30	EMERGENCY TELEPHONE NO. (804) 257-7792
CHEMICAL NAME AND SYNONYMS Blend of Inorganic Polyphosphate, Sodium Hydroxide and Nonionic Surfactant in Water	

SECTION II HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT(S)	CAS NO.	%	ORAL LD ₅₀	DERMAL LD ₅₀	TLV (Units)
Sodium hydroxide **	1310-73-2	1-3	140-340 mg/kg (Rats)	1.35 g/kg (Rabbits)	2 mg/m ³ ACGIH/OSHA
Tetrapotassium pyrophosphate	7320-34-5	>1	2980 mg/kg (Rats)	>7940 mg/kg (Rats)	NE
Alcohols, C8-10, ethoxylated propoxylated	68603-25-8	>1	3800 mg/kg (Rats)	NIF	1 ppm PEL/TWA Action Level: 0.5 ppm

SECTION III PHYSICAL DATA

BOILING POINT (°F)	≥212	SPECIFIC GRAVITY (H ₂ O = 1) at 20°C	~1.12
VAPOR PRESSURE (mm Hg.) at 20°C	<17.5	PERCENT VOLATILE BY WEIGHT(%)	85
VAPOR DENSITY (AIR=1)	NAP	EVAPORATION RATE (H ₂ O=1)	<1
SOLUBILITY IN WATER	Complete	pH at 20°C	13.9
APPEARANCE AND ODOR	Cloudy dispersion. Mild odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	None	FLAMMABLE LIMITS % by Vol.	Lel None	Uel None
EXTINGUISHING MEDIA	Water, CO ₂ , Dry Chemical, Foam			
SPECIAL FIRE FIGHTING PROCEDURES	None; Product is not flammable.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None Known			

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT
VALUE

OSHA TLV
NE

ACGIH TLV
NE

EFFECTS OF OVEREXPOSURE

Corrosive to eyes and skin. Harmful or fatal if swallowed. Mists and vapors can be severely irritating to the respiratory tract. Persons with pre-existing skin conditions may be more susceptible to the effects of this product.

HEALTH EFFECTS

None known except those secondary to tissue damage.

PRIMARY ROUTE OF ENTRY

Eyes
Inhalation
Ingestion
Skin

EMERGENCY FIRST AID PROCEDURE

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of entire eye surface. Seek medical attention. **SKIN:** In case of contact immediately wash with plenty of water while removing contaminated clothing. Seek medical advice. Wash and decontaminate clothing before reuse. **INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician. **INGESTION:** If swallowed, do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

STABILITY	STABLE	√	CONDITIONS TO AVOID	None Known
	UNSTABLE			
INCOMPATIBILITY (Materials to Avoid)		Strong acids and strong oxidizing agents.		
HAZARDOUS DECOMPOSITION PRODUCTS		Oxides of carbon.		
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID		
MAY OCCUR	NO	√	None Known	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wearing appropriate protection equipment (see Section VIII), contain spill. Using an inert chemical absorbent, collect spilled material and place in a properly labeled container for disposal.

WASTE DISPOSAL METHOD

This material may be considered to be hazardous under RCRA 261.22 (Corrosivity Criteria). Dispose of in accordance with local, state and federal regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION If fumes or vapors of this product are present, wear NIOSH approved self-contained respirator. (Specify Type) For Example: MSA Comfo II Respirator, GMC Cartridge (Yellow) TC#-23C-47, and Type F Filter TC#-21C-133.	
EYE PROTECTION <p style="text-align: center;">Chemical splash goggles</p>	SKIN PROTECTION <p style="text-align: center;">Rubber or neoprene gloves, apron, and boots</p>
VENTILATION <p style="text-align: center;">Local exhaust</p>	OTHER PROTECTION <p style="text-align: center;">Eye wash fountain and safety shower</p>

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not get on skin, eyes, or clothing. Do not breathe vapor or mist. Do not ingest. Wash thoroughly after handling.
OTHER PRECAUTIONS Store at ambient temperatures. Keep container securely closed when not in use. Label precautions also apply to empty container. Recondition or dispose of empty containers in accordance with government regulations.

SECTION X MISCELLANEOUS DATA

NIF - No Information Found NAP - Not Applicable	NA - Not Available	NE - Not Established
D.O.T. Class: Corrsive Material	UN/NA Number: NA 1760	
<p>This product does not contain any components listed as a carcinogen by IARC, NTP, OSHA or ACGIH.</p> <p>If this product contains a toxic chemical, subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372, it is listed in Section II of this Material Safety Data Sheet followed by two asterisks (**).</p>		

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John A. Nygren/Technical Director

CT-30

PREPARED BY _____

John A. Nygren

DATE _____

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