# CHLORINATING STICKS

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SECTION I	- IDENTIFICATION	
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PHONE NUMBER	FMTREC (ROO) 424-0200	
TRADE NAME	LORINATING STICKS lorinated Isocyanurates	
SECTION II - HAZARDOUS INGREDIENTS		
HAZARDOUS COMPONENTS OSHA/PE	EL ACGIH/TLV (Units) PROD. CAS #	
Trichloroisocyanuric Acid Not Establi	3 mg/m3=1ppm 87-90-1	
SECTION III - PHYSICAL DATA		
OILING POINT		
APPEARANCE/ODOR	ce powder; Slight Chlorine Odor Information Available	
SECTION IV - FIRE AND EXPLOSION HAZARD DATA		
LOWER EXPLOSIVE LIMIT (% by Volume) UPPER EXPLOSIVE LIMIT (% by Volume)	. Will Not Burn ) Not Applicable ) Not Applicable . Water and CO2. Do not use powder based	
SPECIAL FIRE FIGHTING PROCEDURES	on ammonium salt and halogenous extinguishing media. Extinguish with large quantites of water(small amounts may aggravate situation). Product is not flammable,	
	but may decompose at high temperatures, thus emitting toxic gases. If able, isolate unaffected drums by taking them to a well	
	ventilated area to con sume. For small fires CO2 extinguishers can be used.	

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UNUSUAL FIRE HAZARD...... Small quantities of water react with product's chlorinating composition to form hazardous quantities of nitrogen trichloride which is violently explosive. May give off toxic gases -Must use large amounts of water.

SECTION V - MEALTH HAZARD DATA 

CARCINOGENICITY..... None NTP..... No IARC..... No

OVER EXPOSURE EFFECTS..... Eventual ulceration to skin.

PRIMARY ROUTE(\$) OF ENTRY.... Skin Contact

FIRST AID PROCEDURES ...... In case of eye contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention; for

skin, wash thoroughly with soap and water; wash contaminated clothing before reuse. If irritation persists, call a doctor. If inhaled: Remove to fresh air. If swallowed: Drink milk, water or raw egg

whites. Get medical attention. Do not induce vomiting.

EXPOSURE AGGRAVATED MEDICAL CONDITIONS None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY..... Stable

CONDITIONS TO AVOID ....... Humidity and temperatures over 500C.

INCOMPATIBLE MATERIALS...... Product attacks metal in general. It reacts

with water in small quantities, oxidant and reducing agents, acids, alkalis, nitrogen products, ammonium salts, urea, amines. quaternary ammonium derivatives, oils,

fats, peroxides, ationic tensioactives, etc.

DECOMPOSITION PRODUCTS...... In combonation with the above mentioned products, it decomposes and gives off a

great quantity of heat, chlorine, nitrogen trichloride etc. with subsequent danger of explosion if nitrogen trichloride level is

high enough.

HAZARDOUS POLYMERIZATION .... Will Not Occur POLYMERIZATION AVOID ..... Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE 

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FOR SPILL	Prevent product from reaching sewage or superficial waters. If product reaches a natural water-course, warn civil protection authorities. Sweep and fully collect spilled product. Can be re-used if not contaminated. Contaminated product must be destroyed.
WASTE DISPOSAL METHOD.,	Use with sodium carbonate & sodium sluphite to neutralize. After diulte with alot of water and can be poured into sewer, according to local, federal and state
	regulations. Dry product mix with solvents and incinerate with wash for chlorine combustion gas.
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SECTION VI	II - SPECIAL PROTECTION
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RESPIRATORY PROTECTION,,	NIOSH approved full facepiece with airborne
VENTILATION	exposure limits are exceeded. To maintain dusts below limits.
PROTECTIVE GLOVES	Rubber or other impervious materials.
EYE PROTECTION	Chemical splash proof goggles.
THER PROTECTIVE EQUIPMENT	Suitable working clothes fully protecting the body. A safety shower and eye bath should be available. For operations where spills or splashing may occur, use an
	impervious body covering and boots.
HANDLING AND STORAGE	Do not produce dust. Handle far from other chemicals. Keep from ignition sources. Keep in closed container (not metallic or
	wooden) in a fresh, dry, ventilated place.
	If stored near other products, place near exit door for quick removal if necessary.
SECTION IX	- SPECIAL PRECAUTIONS
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HAZARD CLASS	Oxidizer, 5.1, PG II Trichloroisocyanuric Acid, Dry, Mixture
UN NUMBER	UN2468

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REFERENCES WARNING!! STRONG OXIDIZING AGENT - USE DRY, CLEAN UTENSILS - KEEP AWAY FROM NATURALLY OCCURING ORGANIC MATERIALS.

#### ZZ1HASTK

Product is toxic for fishes and algae. It may give off chlorine in contact with other products. Do not flush to waterways. EPA REG. # 57787-1