

MATERIAL SAFETY DATA SHEET - 16 Sections

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier CREOSOTE REMOVER & CREOSOTE REMOVER STICK ITEM 97, 98, 97S, 97G			
Product Use REDUCE AND REMOVE CREOSOTE FROM FLUES AND CHIMNEYS THROUGH REGULAR USE			
Manufacturer's Name RUTLAND FIRE CLAY COMPANY		EMERGENCY CONTACT CHEMTREC	
Street Address 7 CRABTREE ROAD		EMERGENCY DOMESTIC PHONE NUMBER 800-424-9300	
City JACKSONVILLE	State IL	EMERGENCY INTERNATIONAL CONTACT NUMBER 703-527-3887	
Zip code 62650			
Date MSDS Prepared November 4, 2010	MSDS Prepared By GENE ADDISON	Phone Number 217-245-7810	

SECTION 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
TRISODIUM PHOSPHATE		10101-89-0	LD ₅₀ ORAL RAT 7400 mg/kg	
MANGANESE ACETATE		6156-78-1	LD ₅₀ ORAL RAT 3730 mg/kg	
QUARTZ		14808-60-7		
CRISTOBALITE		14464-46-1		
TRIDYMITE		15468-32-3		

SECTION 3 -- HAZARD IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> SKIN CONTACT <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION
[Emergency Overview] SOLID CHEMICAL CONTAINING MATERIALS THAT CAN BE IRRITATING TO SKIN, EYE, OR INHALED
[Potential Health Effects] ROUTES OF ENTRY ON SKIN OR VIA INHALATION TARGET ORGANS NONE ESTABLISHED IRRITANCY SKIN AND EYE SENSITIZING CAPABILITY NONE ESTABLISHED REPRODUCTIVE EFFECTS NONE ESTABLISHED CANCER INFORMATION NONE ESTABLISHED

SECTION 4 -- FIRST AID MEASURES

Skin Contact	CONTACT WITH HUMIDITY OF SKIN OR MUCOUS MEMBRANES WILL CAUSE A REACTION WITH RESULTANT BURNS
Eye Contact	CONTACT WILL CAUSE ALKALINE BURNS
Inhalation	CHRONIC DUST EXPOSURE MAY CAUSE SOME LOSS OF LUNG FUNCTION
Ingestion	IRRITANT, CONTACT A PHYSICIAN

Product Identifier

SECTION 5 -- FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, under what conditions
Means of Extinction WATER SPRAY, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL	
Flashpoint (°F) and Method N/A	
Auto ignition Temperature (°F) N/A	
Hazardous Combustion Products CARBON MONOXIDE, CARBON DIOXIDE, HYDROCARBON BY PRODUCTS	

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Environmental Precautions PREVENT LARGE QUANTITY OF MATERIAL FROM BEING WASHED INTO WATERWAYS OR SEWERS
Cleanup Procedures SWEEP UP FOR DISPOSAL IN APPROVED LANDFILLS
Personal Protection WEAR SAFEWAY EYEWEAR, IMPERVIOUS GLOVES, AND RESPIRATORS FOR LARGE SPILLS

SECTION 7 -- HANDLING AND STORAGE

Handling Procedures and Equipment
Special Mixing and Handling Instructions
Storage Requirements KEEP CONTAINER TIGHTLY CLOSED AND PROPERLY LABELED.

SECTION 8 -- EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input checked="" type="checkbox"/> ACGIH TLV 20 mg/m ³ <input checked="" type="checkbox"/> OSHA PEL 30 mg/m ³ <input type="checkbox"/> OTHER (Specify)
Specific Engineering Controls (Such as ventilation, enclosed process) GENERAL VENTILATION
Personal Protective Equipment <input checked="" type="checkbox"/> GLOVES <input type="checkbox"/> RESPIRATOR <input checked="" type="checkbox"/> EYEWEAR <input type="checkbox"/> FOOTWEAR <input type="checkbox"/> CLOTHING <input type="checkbox"/> OTHER
If checked, please specify type GLOVES USE LATEX, VINYL, OR RUBBER GLOVES WHILE WORKING WITH PRODUCT EYEWEAR WEAR GLASSES OR SAFETY GLASSES WHILE APPLYING PRODUCT

Product Identifier

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Physical State SOLID GRANULAR MATERIAL	Odor and appearance WHITE TO GRAY NO ODOR	Odor Threshold (ppm) N/A
Specific Gravity 1.0	Vapor Density (Air = 1) N/A	Vapor Pressure (mmHg) N/A
Evaporation Rate (Butyl Acetate=1) N/A	Boiling Point (°F) N/A	Freezing Point (°F) N/A
pH 2-3	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] PARTIALLY SOLUBLE

SECTION 10 -- STABILITY AND RELIABILITY

Chemical Stability <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If no, under which conditions?
Incompatibility with other substances <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, which ones? STRONG OXIDIZING AGENTS
Reactivity, and under what conditions? REACTION WILL OCCUR RAPIDLY UNDER HUMID CONDITIONS	
Hazardous Decomposition Products ACRID SMOKE PRODUCED WHEN BURNED	

SECTION 11 -- TOXICOLOGICAL INFORMATION

Effects of Acute Exposure NONE TO VERY SLIGHT IRRITATION WITH SHORT TERM CONTACT UNDER NORMAL DRY CONDITIONS NO INHALATION PROBLEMS UNDER NORMAL USAGE DUST IN THE EYES MAY CAUSE IRRITATION. FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION	
Effects of Chronic Exposure NO ADDITIONAL EFFECTS	
Irritancy of Product SLIGHT EYE AND SKIN IRRITANT	
Skin Sensitization N.D.	Respiratory Sensitization
Carcinogenicity-IARC NOT LISTED	Carcinogenicity-ACGIH NOT LISTED
Reproductive Toxicity NOT LISTED	Teratogenicity NOT LISTED
Embryotoxicity NOT LISTED	Mutagenicity NOT LISTED
Name of Synergistic Products/Effects NONE ESTABLISHED	

Product Identifier

SECTION 12 -- ECOLOGICAL INFORMATION

Aquatic Toxicity	MATERIAL CAN BE TOXIC TO AQUATIC LIFE DUE TO LOWERING OF pH OF WATER

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal	DISPOSE OF ALL WASTE IN ACCORD WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS

SECTION 14 -- TRANSPORT INFORMATION

Special Shipping Information	ORM-D	
TDG	Not regulated unless it is sent out as a waste.	[DOT] Not regulated at less than 5000pounds of TSP
[IMO]	UN 3077 Environmentally Hazardous Substance, solid, n.o.s., (sodium phosphate, tribasic), 9,III	[ICAO] UN 3077 Environmentally Hazardous Substance, solid, n.o.s., (sodium phosphate, tribasic), 9,III

SECTION 15 -- REGULATORY INFORMATION

SARA SECTION 302 RQ & TPQ TRISODIUM PHOSPHATE DEFAULT VALUE 10,000 LBS	[OSHA] OSHA HAZARDOUS MATERIALS IN PRODUCT
SARA SECTION 313 MANGANESE COMPOUNDS	[TSCA] ALL INGREDIENTS ON TSCA LIST SIGNIFICANT NEW USE RULE
CLEAN AIR ACT CONTAINS NO HAZARDOUS AIR POLLUTANTS	[TSCA] HEALTH & SAFETY REPORTING LIST NOT ON LIST
CLEAN WATER ACT NOT LISTED AS PRIORITY OR TOXIC POLLUTANT	CHEMICAL TEST RULES NOT UNDER RULES SECTION 12b NOT LISTED
STATE RIGHT TO KNOW LISTS NOT ON ANY STATE LIST	CERCLA NOT REPORTABLE
EUROPEAN /INTERNATIONAL REGULATIONS HAZARDOUS LABELING IN ACCORDANCE WITH EC DIRECTIVES HAZARD SYMBOLS RISK PHRASES SAFETY PHRASES	NON HAZARDOUS

SECTION 16 -- OTHER INFORMATION

<p>THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS, TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL RUTLAND FIRE CLAY COMPANY BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF RUTLAND HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p>	
<p>HMIS Rating</p> <p>Health : 0</p> <p>Flammability : 1</p> <p>Reactivity : 0</p>	<p>NFPA Rating</p> <p>Health : 0</p> <p>Flammability : 1</p> <p>Reactivity : 0</p>