

PRODUCT NAME: CRETENU

NFPA CODES: H F R

MSDS CODE: 700N

2 1 0

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DOT SHIPPING NAME AND LABELING: GALLON OR SMALLER, CONSUMER COMMODITY - ORM-D

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

EFFECTIVE: 01/08/2004

MANUFACTURER'S NAME: SAVOGRAN

ADDRESS : 259 LENOX STREET

PO BOX 130

NORWOOD, MA 02062-0130

PHONE : 781-762-5400

NAME OF PREPARER : MARK A. MONIQUE

=== **SECTION II - HAZARDOUS INGREDIENTS UNDER OSHA HAZARD COMMUNICATION STD** ===

INGREDIENTS	CAS NUMBER	WEIGHT PERCENT
PHOSPHORIC ACID (75%)	7664-38-2	30% - 35%
OSHA/ACGIH 1 mg/m3 TWA		
OSHA/ACGIH 3 mg/m3 STEL		
PROPYLENE GLYCOL MONOBUTYL ETHER	5131-66-8	0% - 5%
EXPOSURE GUIDELINES NOT LISTED		

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===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

INITIAL BOILING POINT: 212F

SPECIFIC GRAVITY: 1.12

VAPOR DENSITY: HEAVIER THAN AIR

VAPOR PRESSURE (CALCULATED): UNKNOWN

EVAPORATION RATE: LESS THAN ETHER

MATERIAL V.O.C. (% BY WT.): 3.

PERCENT VOLATILE: ABOVE 95%

SOLUBILITY IN WATER: TOTAL

PH (1% IN H2O): 2.

APPEARANCE AND ODOR: BLUE LIQUID, MILD ODOR

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: NONE METHOD USED: NO DATA

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NO DATA UPPER: NO DATA

EXTINGUISHING MEDIA: NONFLAMMABLE

SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

THIS PRODUCT MAY BURN, BUT WILL NOT IGNITE READILY.

===== **SECTION V - REACTIVITY DATA** =====

STABILITY: STABLE

CONDITIONS TO AVOID:

SEE SECTION IV - UNUSUAL FIRE AND EXPLOSION HAZARDS

INCOMPATIBILITY (MATERIALS TO AVOID):

REACTS WITH ALKALIES AND STRONG OXIDIZING AGENTS (E.G. PERMANGANATES).

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, HEADACHE AND NAUSEA.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

SKIN: SHORT CONTACT - NO IRRITATION. PROLONGED OR FREQUENTLY REPEATED CONTACT CAN CAUSE IRRITATION, DEFATTING, AND DERMATITIS. EYE CONTACT CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. MAY CAUSE TRANSIENT INJURY TO CORNEA.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NONE

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. INGESTION CAN CAUSE BLINDNESS, NAUSEA, VOMITING, DIARRHEA, GASTROINTESTINAL IRRITATION AND DEATH.

HEALTH HAZARDS (CHRONIC):

NO CHRONIC EFFECTS EXPECTED

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

NONE

EMERGENCY AND FIRST AID PROCEDURES:

****SKIN CONTACT****: WASH THOROUGHLY WITH SOAP AND WATER. THOROUGHLY LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. IF IRRITATION AND REDNESS PERSISTS, SEE PHYSICIAN. ****EYE CONTACT****: FLOOD WITH PLENTY OF WATER WITH EYE LIDS HELD OPEN FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION PROMPTLY. ****INHALATION****: IF ILLNESS OCCURS, REMOVE PATIENT TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, START ARTIFICIAL RESPIRATION. CALL PHYSICIAN IMMEDIATELY. ****SWALLOWING****: DO NOT INDUCE VOMITING. IMMEDIATELY GIVE LARGE QUANTITIES OF WATER. KEEP PERSON WARM AND QUIET AND GET MEDICAL ATTENTION.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

REVIEW SECTION IV - UNUSUAL FIRE AND EXPLOSION HAZARDS. SMALL SPILLS: WIPE OR SCRAPE UP ANY MATERIAL. WASH AREA THOROUGHLY WITH DETERGENT AND WATER; VENTILATE ADEQUATELY WITH GOOD FRESH AIR MOVEMENT AT FLOOR LEVEL. LARGE SPILLS: WEAR PROPER PROTECTIVE EQUIPMENT. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO KEEP FROM SPREADING AND KEEP OUT OF GROUND WATER AND STREAMS. TRANSFER MATERIAL TO METAL CONTAINERS. ABSORB REMAINDER WITH SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER MATERIAL AND SHOVEL INTO CONTAINERS. THEN WASH AREA THOROUGHLY WITH WATER AND DETERGENT. VENTILATE ADEQUATELY WITH GOOD FRESH AIR MOVEMENT AT FLOOR LEVEL.

DO NOT RESTART PILOT LIGHTS OR OPERATE ELECTRICAL DEVICES OR OTHER SOURCES OF SPARKS, FLAMES OR HEAT UNTIL ALL VAPORS (ODORS) AR GONE.

WASTE DISPOSAL METHOD:

MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUES; THEREFORE, ALL PRECAUTIONS GIVEN IN THIS SHEET MUST BE OBSERVED. STORE IN COOL PLACE-OUT OF HOT SUN AND BELOW 100F.

OTHER PRECAUTIONS:

AVOID CONTACT WITH MATERIAL. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING THIS MATERIAL.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION:

APPROVED ORGANIC VAPOR RESPIRATOR, IF VAPORS OR MISTS ARE GENERATED.

VENTILATION:

USE LOCAL EXHAUST TO CONTROL VAPORS.

PROTECTIVE GLOVES:

WEAR PROTECTIVE GLOVES SUCH AS NEOPRENE.

EYE PROTECTION:

CHEMICAL GOGGLES OR SAFETY GLASSES WITH SIDE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NONE

===== SECTION IX - DISCLAIMER =====

JUDGEMENT OF POTENTIAL HAZARDS OF THIS PRODUCT IS BASED ON INFORMATION AVAILABLE ABOUT INDIVIDUAL COMPONENTS LISTED UNDER SECTION II - INGREDIENTS. DIRECT TESTING OF MIXTURE HAS NOT BEEN DONE. INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE AND IS GIVEN IN GOOD FAITH; HOWEVER, NO WARRANTY EITHER EXPRESSED OR IMPLIED IS MADE. IT IS STRONGLY SUGGESTED THAT USERS CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND APPLICABLE TO THEIR SITUATIONS.