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TSP-PF

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PRODUCT NAME: TSP-PF

NEPA CODES: H F R

MSDS CODE: 611N

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DOT SHIPPING NAME AND LABELING: CLEANING COMPOUND - NOT REGULATED

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

EFFECTIVE: 08/17/2001

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
Sodium Sesquicarbonate EXPOSURE GUIDELINES NOT LISTED	533-96-0	90% - 95%
Sodium Metasilicate EXPOSURE GUIDELINES NOT LISTED	6834-92-0	0% - 5%
EDTA EXPOSURE GUIDELINES NOT LISTED	64-02-8	0% - 5%

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

INITIAL BOILING POINT: NA                      SPECIFIC GRAVITY: 60-75LBS/FT3  
VAPOR DENSITY: NA                              VAPOR PRESSURE (CALCULATED): NA  
EVAPORATION RATE: NA                         MATERIAL V.O.C. (% BY WT.): 0.  
PERCENT VOLATILE: 0.                         SOLUBILITY IN WATER: MODERATE  
PH (1% IN H2O): 10-11  
APPEARANCE AND ODOR: WHITE CRYSTALLINE SOLID

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

FLASH POINT: NA                              METHOD USED: NO DATA  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NO DATA                      UPPER: NO DATA

EXTINGUISHING MEDIA: NONFLAMMABLE

SPECIAL FIREFIGHTING PROCEDURES:  
SOLUTIONS IN WATER ARE MODERATELY TO STRONG ALKALINE. WEAR FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
NONE

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

STABILITY: STABLE  
CONDITIONS TO AVOID:  
MATERIAL IS HYGROSCOPIC AND TENDS TO CAKE UNDER DAMP CONDITIONS.

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INCOMPATIBILITY (MATERIALS TO AVOID):  
STRONG ACIDS (E.G. HCL), STRONG OXIDIZING AGENTS (E.G. PERMANGANATES).

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:  
INHALATION OF DUST CAN CAUSE NASAL AND RESPIRATORY IRRITATION.

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:  
INGESTION CAN CAUSE SEVERE INTERNAL IRRITATION.

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\*\*: REMOVE CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY WITH  
WATER. IF IRRITATION OCCURS GET MEDICAL ATTENTION PROMPTLY. THOROUGHLY WASH  
CONTAMINATED CLOTHING BEFORE REUSE. \*\*EYE CONTACT\*\*: FLUSH EYES WITH PLENTY OF  
RUNNING WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART TO ENSURE COMPLETE  
IRRIGATION OF ALL TISSUE. 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\*\*: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON. IF SWALLOWED DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER.  
FOLLOWED BY CITRUS JUICES TO NEUTRALIZE. GET MEDICAL ATTENTION PROMPTLY.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
SWEEP UP MATERIAL AND TRANSFER TO CONTAINERS. REMAINING RESIDUE MAY BE WASHED  
AWAY WITH WATER.

WASTE DISPOSAL METHOD:  
SMALL QUANTITIES MAY BE DEPOSITED IN GENERAL TRASH AND RESIDUE FLUSHED DOWN  
DRAIN WITH WATER. LARGE SPILLS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL,  
STATE AND FEDERAL REGULATIONS.

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:  
MOISTURE CAN CAUSE CAKING

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

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

RESPIRATORY PROTECTION:  
WEAR NIOSH/MSHA APPROVED DUST RESPIRATOR, IF DUST IS FORMED.

VENTILATION:  
PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW LEVEL OF OVEREXPOSURE.

PROTECTIVE GLOVES:  
USE DUST PROOF GLOVES.

EYE PROTECTION:  
USE DUST PROOF GOGGLES IF DUST IS IRRITATING EYES.

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.