

PRODUCT NAME: TSP-PF

NFPA CODES: H F R

MSDS CODE: 611N

1 0 0

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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.

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.

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.