

MATERIAL SAFETY DATA SHEET

SAVOGRAN
TSP

Revision: 3/26/2013

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1. Product and Company Identification

Product Name : TSP
Product Code : 620N
Recommended Use: Cleaner

Company Identification:

SAVOGRAN
259 LENOX STREET
PO BOX 130
NORWOOD, MA 02062-0130
Information Phone: 781-762-5400
Emergency Phone: 508-395-0680
Website Address: www.savogran.com

Synonyms: 10621,10622,10623,11625

2. Hazards Identification

Potential Health Effects:

Eye:
Eye contact can cause severe irritation, redness, tearing, blurred vision and may cause transient injury to cornea.

Skin:
Prolonged and/or repeated contact may cause irritation and/or dermatitis. Contact with skin causes irritation and positive burns, especially if the skin is wet or moist.

Ingestion:
May cause irritation, burns to mouth and esophagus,Aspiration of the swallowed or vomited product can cause severe pulmonary complications.

Inhalation:
Inhalation of dust can cause nasal and respiratory irritation.

Chronic Overexposure Information:

NO DATA

Teratology and Reproduction Information:

NO DATA

Aggravation of Pre-Existing Conditions:

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.



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Label Hazard Statement:

WARNING; Harmful if swallowed. Eye and skin irritant. May cause burns.

OSHA Hazard Communication Standard:

This product is defined as hazardous by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

3. Composition/Information on Ingredients

Component	CAS#	% by Wt.
TRISODIUM PHOSPHATE DODECAHYDRATE EXPOSURE GUIDELINES NOT LISTED	10101-89-0	75% - 80%
SODIUM SESQUICARBONATE EXPOSURE GUIDELINES NOT LISTED	533-96-0	20% - 25%

4. First Aid Measures

Eyes:

Flood with plenty of water with eye lids held open for at least 15 minutes and get medical attention promptly.

Skin:

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion:

Do NOT induce vomiting. If conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation:

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention.

Note to Physicians:

Treat symptomatically. No specific antidote available.

5. Fire Fighting Measures

Flammable Properties:

None

Hazardous Combustion Products:

Oxides of sodium and oxides of phosphorus.

Extinguishing Media:

Not combustible. Use extinguishing method suitable for surrounding fire.

Firefighting Procedures:

Solutions in water are moderately to strong alkaline. Wear full protective

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clothing.

6. Accidental Release Measures

Small Spill:

Wipe or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

Large Spill:

Wipe or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

Environmental Precautions:

Do not release into sewers or waterways.

Methods/Materials for Containment and Cleaning Up:

Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

7. Handling and Storage

Handling:

Avoid direct or prolonged contact with skin and eyes. Avoid breathing dusts. Do not ingest.

Storage:

Store in an area that is cool and dry. Moisture can cause caking.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: See Section 3

Engineering Controls:

When a potential for excessive exposure exists, use local ventilation at the point of generation.

Personal Protective Equipment:

Respiratory Protection:

Wear NIOSH/MSHA approved dust respirator, if dust is formed.

Skin Protection:

Use dust proof gloves.

Eye Protection:

Use dust proof goggles if dust is irritating eyes.

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9. Physical and Chemical Properties

Boiling Point: NA
Melting Point: NO DATA
Freezing Point: NO DATA
Vapor Pressure: NA
Vapor Density: NA
Solubility in Water: MODERATE
Evaporation Rate: NA
Flash Point: NA Method: NO DATA
Lower explosive limit: NO DATA
Upper explosive limit: NO DATA
Autoignition Temperature: NO DATA
Specific Gravity: 1.035
pH: 11-12
Odor: None
Appearance:: White crystalline solid

10. Stability and Reactivity

Chemical Stability (Conditions to Avoid): Stable

Incompatibility:

Solutions in water are highly alkaline and may produce hydrogen gas when in contact with aluminum. Will react with acids to form carbon dioxide.

Hazardous Decomposition Products:

Oxides of sodium and oxides of phosphorus.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Acute:

This product has not been tested as a whole.

Subchronic:

This product has not been tested as a whole.

Chronic/Carcinogenicity:

Not listed by ACGIH, IARC, NIOSH, NTP or OSHA

Routes of Exposure:

Inhalation, Ingestion

12. Ecological Information

Environmental Fate: While the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

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13. Disposal Considerations

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.

14. Transport Information

Land Transport (DOT):

Not Regulated

15. Regulatory Information

U.S. Federal Regulations:

TSCA: The intentional ingredients of this product are listed.

OSHA: The intentional ingredients of this product are listed.

CERCLA: SARA Hazard Category: None

Section 313: Not Listed

Reportable Quantity: Product Component (Trisodium Phosphate
Dodecahydrate-5000lb)

State Regulations:

NO DATA

Volatile Organic Compounds: None

16. Other Information:

NFPA Ratings: 2,0,0

Manufacturer Disclaimer:

Judgement of potential hazards of this product is based on information available about individual components listed under section 3 - 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.