

# MATERIAL SAFETY DATA SHEET

SAVOGRAN  
LIQUID TSP SUBSTITUTE

Revision: 4/3/2013

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## 1. Product and Company Identification

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Product Name : LIQUID TSP SUBSTITUTE  
Product Code : 630N  
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](http://www.savogran.com)

Synonyms: 10632,10633,10634

## 2. Hazards Identification

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### Potential Health Effects:

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

Skin:  
Short contact - no irritation. Prolonged or frequently repeated contact can cause irritation.

Ingestion:  
Ingestion can cause severe internal irritation.

Inhalation:  
Vapors are unlikely due to physical properties.

### Chronic Overexposure Information:

NO DATA

### Teratology and Reproduction Information:

NO DATA

### Aggravation of Pre-Existing Conditions:

Skin contact may aggravate existing skin disease.



### 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,

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29 CFR 1910.1200.

## 3. Composition/Information on Ingredients

Component	CAS#	% by Wt.
ETDA, TETRASODIUM (38%)	64-02-8	0% - 5%
EXPOSURE GUIDELINES NOT LISTED		
SODIUM METASILICATE	6834-92-0	0% - 5%
EXPOSURE GUIDELINES NOT LISTED		

## 4. First Aid Measures

Eyes:  
Rinse with water for 15 minutes. If irritation persists seek medical attention.

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:  
May form carbon dioxide and carbon monoxide.

Extinguishing Media:  
Not combustible. Use extinguishing method suitable for surrounding fire.

Firefighting Procedures:  
Solutions in water are moderately to strong alkaline. Wear full protective clothing.

## 6. Accidental Release Measures

Small Spill:  
Absorb liquid on vermiculite, floor absorbent or other absorbent material.

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Large Spill:

Dike far ahead of liquid spill for later disposal.

Environmental Precautions:

NO DATA

Methods/Materials for Containment and Cleaning Up:

Absorb on liquid-absorbing material. 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

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Handling:

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

Storage:

Keep container tightly closed.

## 8. Exposure Controls/Personal Protection

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Airborne Exposure Limits: See Section 3

Engineering Controls:

None required when used as intended.

Personal Protective Equipment:

Respiratory Protection:

None required when used as intended.

Skin Protection:

Use impervious rubber gloves.

Eye Protection:

Chemical goggles or safety glasses with side shield.

## 9. Physical and Chemical Properties

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Boiling Point: 212F

Melting Point: NO DATA

Freezing Point: 32F

Vapor Pressure: NO DATA

Vapor Density: Heavier than air

Solubility in Water: SOLUBLE

Evaporation Rate: LESS THAN ETHER

Flash Point: NONE

Method: NO DATA

Lower explosive limit: NO DATA

Upper explosive limit: NO DATA

Autoignition Temperature: NO DATA

Specific Gravity: 1.017

pH: 10-11

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Odor: None

Appearance:: Clear pink liquid

## 10. Stability and Reactivity

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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:

Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur.

## 11. Toxicological Information

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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:

Ingestion

## 12. Ecological Information

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Environmental Fate: This product has not been tested as a whole.

## 13. Disposal Considerations

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Waste Disposal Method:

Flush residue down drain with plenty of water.

## 14. Transport Information

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Land Transport (DOT):

Not Regulated

## 15. Regulatory Information

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U.S. Federal Regulations:

TSCA: The intentional ingredients of this product are listed.

OSHA: The intentional ingredients of this product are listed.

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CERCLA: SARA Hazard Category: None

Section 313: Not Listed

Reportable Quantity: None of the chemicals in this material have an RQ  
State Regulations:

NO DATA

Volatile Organic Compounds: None

## **16. Other Information:**

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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.