

# MSDS - Material Safety Data Sheet

**Product Name:** T S P (Trisodium Phosphate)

**MSDS No.:** G531

<b>Manufacturer:</b> GRIFFIN BROS. Inc.		<b>Emergency / Information</b> 800-456-4743	
<b>Address:</b> P.O. Box 42194			
<b>City, ST Zip:</b> Portland, OR 97242			
<b>Last Update:</b> 8/ 9/99			
<b>Chemical State:</b>	<input type="checkbox"/> Liquid	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Solid
	<b>24 Hour Emergency</b> 800-424-9300		<b>CHEMTREC</b>
<b>Chemical Type:</b>	<input type="checkbox"/> Pure	<input checked="" type="checkbox"/> Mixture	

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
1235767	Trisodium phosphate						15Mg/M3	10Mg/M3	none

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	

**Route(s) of Entry:**  
Eyes, Skin. Ingestion. Inhalation

**Health Hazards (Acute and Chronic):**  
Eyes-Direct contact can cause eye damage../ Skin-direct contact can cause irritation if not rinsed off./Ingestion-irritation or damage to mucous membranes/Inhalation-dust can cause damage to nasal and respiratory passages.

**Signs and Symptoms:**  
Eyes-burning sensation.Prolonged contact can cause permanent injury../Skin- burning sensation followed by reddened skin./Ingestion-burning sensation to mouth,throat and digestive tract.

**Medical Conditions Generally Aggravated by Exposure:**  
none known.

**Emergency and First Aid Procedures:**  
Eyes-Rinse with water for 15 minutes. Call a physician../Skin Rinse with plenty of water.Change contaminated clothing../Ingestion-Do not induce vomiting.Give lots of water or milk.Contact a physician./Inhalation- Remove to fresh air.

**Flash Point:** none      **Lower Explosive Limit:** n/a      **Upper Explosive Limit:** n/a

**Fire Extinguishing Media:** will not burn.

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**Special Fire Fighting Procedures:**

n/a

**Unusual Fire and Explosion:**

n/a

**Steps to be Taken in Case Material is Released or Spilled:**

Small spills: sweep up material for disposal. Large spills: Shovel material into containers, thoroughly sweep area to clean up any residual material.

**Precautions to be Taken:**

Store in dry area.

**Other Precautions:**

**Ventilation Requirements:**

Local exhaust.

**Personal Protective Equipment:**

Rubber gloves. Safety glasses

<b>Boiling Point:</b>	n/a	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.62	<b>Melting Point:</b>	n/a	<b>Evaporation Rate:</b>	n/a
<b>Vapor Pressure (mm Hg.):</b>	n/a	<b>Vapor Density (AIR = 1):</b>	n/a				
<b>Solubility In Water:</b>	33% @ 25C						
<b>Appearance and Odor:</b>	white crystalline, odorless						

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Avoid contact with strong mineral acids, aluminum.

**Decomposition/By Products:**

none known.

**Hazardous Polymerization:**

will not occur.

Dispose of according to Federal, State or Local regulations.