

# MATERIAL SAFETY DATA SHEET

**Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200**

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## SECTION 1

SUNNYSIDE CORPORATION  
225 CARPENTER AVENUE  
WHEELING, ILLINOIS 60090  
EMERGENCY TELEPHONE

(847) 541-5700  
(800) 424-9300

FOR INFORMATION:

(847) 541-5700

- SUNNYSIDE CORPORATION  
- CHEM TREC

Product Class: Phosphorus Salt  
Trade Name: TSP Trisodium phosphate

Manufacturer's Code:  
NPCA HMIS:

642  
Health: 3  
Flammability: 0  
Reactivity: 0

Product Appearance and Odor: White, granular solid; minimal odor

## SECTION 2 -- HAZARDOUS INGREDIENTS

### OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS #	PERCENT	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Trisodium Phosphate	7601-549		3 mg/M3 (for respirable dusts)		5 mg/M3 (for respirable dusts)		N.A.

## SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation, pain, swelling, lacrimation or photophobia persist.
Skin Contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Inhalation:	Move to fresh air. Treat symptomatically. Get medical attention.
Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give any thing by mouth to an unconscious person. Do Not induce vomiting. Get immediate medical attention. Swallowing this product may cause severe nausea, vomiting abdominal discomfort and burning sensation.

## SECTION 4 -- PHYSICAL DATA

The following data represent approximate or typical values. They do not constitute product specifications.

Boiling Range:	N.A. Solid	Vapor Density:	N.A.
Evaporation Rate:	N.A.-Solid	% Volatile By Volume:	Not volatile
Weight Per Gallon:	Solid		
Solubility in Water:	Appreciable		

## SECTION 5 -- FIRE AND EXPLOSION DATA

Flammability Classification:	Non Combustible
Flash Point:	Not Established
Lower Explosive Limit:	N.A.
Extinguishing Media:	Water spray, dry chemical, CO2, foam.
Unusual Fire and Explosion Hazards:	Non combustible.
Special Fire Fighting Procedures:	As a general precaution, firefighters and others exposed should wear self-contained breathing apparatus.

**SECTION 6 -- HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE:	See Section 2.
EFFECTS OF OVEREXPOSURE	
Inhalation:	Harmful if inhaled. Vapors may irritate nose, throat and respiratory tract .
Eyes:	Causes eye burns.
Skin:	Causes irritation.
Ingestion:	Harmful if swallowed. May cause severe nausea, vomiting, abdominal discomfort and burning sensation.
Chronic:	
Carcinogenicity:	This product has not been identified as a carcinogen by NTP, IARC or OSHA.

**SECTION 7 -- REACTIVITY DATA**

Stability:	Stable under normal conditions of handling and storage.
Conditions to Avoid:	Store product in dry areas away from moisture. This product could be corrosive to aluminum surfaces due to high pH. When wet, mild steel and brass may be corroded.
Incompatibility (Materials to Avoid):	Incompatible with strong mineral acids, aluminum and moisture.
Hazardous Decomposition Products:	Oxides of sodium and phosphorus may form when heated to decomposition.
Hazardous Polymerization:	Will not occur.

**SECTION 8 -- SPILL OR LEAK PROCEDURES**

In case of spills or releases: Sweep, scoop or vacuum material , contaminated soil and other contaminated material and place in clean, dry containers for removal. If possible, complete cleanup on a dry basis.

Waste disposal method: This material when discarded is not a hazardous waste as defined by RCRA, 40CFR 261. Dry material may be landfilled or recycled in accordance with local, state and federal regulations.. Consult appropriate regulatory officials for information on such disposal.

**SECTION 9 -- SAFE HANDLING AND USE INFORMATION**

Respiratory Protection:	Avoid breathing dust. In case of insufficient ventilation, use approved respiratory protective equipment as described in OSHA 29 CFR 1910.134.
Ventilation:	General: Recommend at least ten air changes per hour for good general room ventilation.
Local Exhaust:	If needed to control r below occupational exposure limits.
Protective Gloves:	Protective gloves recommended.
Eye Protection:	Safety glasses or eye goggles should be worn.
Other Protective Equipment:	Safety shower, eye bath and washing facilities should be available.
Special Storage & Handling Precautions:	Store in cool, dry area away from moisture. May be corrosive to aluminum, steel and brass.

**SECTION 10 -- SPECIAL PRECAUTIONS**

Dept. of Labor Storage Category:	Non combustible
Hygienic Practices:	Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.

**SECTION 11 -- ADDITIONAL INFORMATION**

This product contains the following toxic chemical(s) which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

TOXIC CHEMICAL	CAS #	APPROXIMATE % BY WEIGHT
None		

SARA Title III Hazard Categories: Immediate (Acute) Health.

Common Names: Trisodium Phosphate, TSP

TRANSPORTATION\* (U.S. D.O.T. land transportation)

Not regulated by US DOT as a hazardous material.

\* Refer to CFR 49 for additional information.