

# MATERIAL SAFETY DATA SHEET

## Trisodium Phosphate (Na<sub>3</sub>PO<sub>4</sub>), 100%

### FIRST AID (GET MEDICAL ATTENTION IF SYMPTOMS PERSIST)

**EYES:** FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES  
**SKIN:** WASH WITH SOAP AND WATER  
**INHALATION:** REMOVE FROM EXPOSURE  
**INGESTION:** DILUTE STOMACH CONTENTS WITH MILK OR WATER

**HEALTH:** 1

**FLAMMABILITY:** 0

**REACTIVITY:** 0

**PRECAUTIONS:** ALKALI

### CHEMTREC 24-HOUR EMERGENCY HOTLINE: (800) 424-9300

To be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident.

### MANUFACTURER

Welco Manufacturing Company  
1225 North Ozark Street  
North Kansas City MO 64116  
(816) 471-1788

### PHYSICAL DATA

odor: odorless  
appearance: white powder  
melting point: 2732°C  
specific gravity: 1.5 - 2.5  
solubility in water: 12% @ 25°C  
pH of 10% solution: 12.0 - 14.0

### REACTIVITY

stability: stable  
conditions to avoid: none  
materials to avoid: water solutions in contact with aluminum  
Hazardous polymerization will not occur.

### FIRE FIGHTING

flash point: non-combustible  
extinguishing media: dry chemical, alcohol foam, carbon dioxide, water  
special procedures: wear NIOSH approved self-contained breathing apparatus and full protective clothing  
combustion products: none  
Water solutions are highly alkaline.  
Hydrogen gas may result from contact with aluminum.

### PERSONAL PROTECTION

handling / storing: follow good hygiene practices / general storage  
eyes: safety goggles  
skin: full work clothing, impervious gloves  
respiratory: if dusty, use NIOSH-approved respiratory protection  
ventilation: ventilate to keep exposure below TLV

### HEALTH HAZARD DATA - NOT HAZARDOUS

route of entry: eyes, ingestion, inhalation  
eye contact: irritating to unwashed eyes  
skin absorption: irritating to unwashed skin  
ingestion: non-toxic, but may cause gastric discomfort  
inhalation: irritating to upper respiratory tract  
toxicology: LD50 (oral, rat) 20% aqueous solution: 6500 mg/kg

No significant eye, ingestion or inhalation hazard when good personal hygiene practices are followed.

### SPILLS & DISPOSAL

Material should be swept up for salvage or disposal.

This product is not a federal hazardous waste according to U.S. EPA regulation 40 CFR 261.

If material cannot be salvaged, dispose of in accordance with all local, state and federal regulations.