MATERIAL SAFETY DATA SHEET
Trisodium Phosphate (Na₃PO₄), 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.