

MATERIAL SAFETY DATA SHEET

Hydroxyethylidene Diphosphonate (CH₃C(PO₃Na₂)₂OH), 100%

FIRST AID (GET MEDICAL ATTENTION IF SYMPTOMS PERSIST)

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

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 1

PRECAUTIONS: NONE

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

Thermphos USA Corporation
702 Clydesdale Avenue
Anniston AL 36201-5390
(256) 236-6381

PHYSICAL DATA

odor: odorless
appearance: white powder
melting point: 100°C
pH of 1% solution: 11-12

REACTIVITY

stability: stable
conditions to avoid: none
materials to avoid: acids, strong oxidizers, metals
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
unusual hazards: none
combustion products: carbon monoxide, carbon dioxide, phosphines, phosphorous oxides

PERSONAL PROTECTION

handling / storing: follow good hygiene practices / general storage
eyes: safety goggles
skin: impervious gloves
respiratory: if dusty, use NIOSH-approved respiratory protection
ventilation: natural or mechanical ventilation

HEALTH HAZARD DATA - NOT HAZARDOUS

route of entry: eyes, skin, ingestion, inhalation
eye contact: mildly irritating to unwashed eyes
skin absorption: mildly irritating to unwashed skin
ingestion: slightly toxic
toxicology: LD50 (oral, rat): >2850 mg/kg

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

SPILLS & DISPOSAL

Material should be swept up for salvage or disposal.

Prevent spills and contaminated wash water from entering sewers and bodies of open water.

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.