

MATERIAL SAFETY DATA SHEET

Sodium Tetraborate ($B_4Na_2O_7(H_2O)_{10}$), 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 FOR AT LEAST 15 MINUTES
INHALATION: REMOVE FROM EXPOSURE
INGESTION: DILUTE STOMACH CONTENTS WITH MILK OR WATER; DO NOT INDUCE VOMITING

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

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

Henkel Corporation
One Henkel Way
Rocky Hill CT 06067
(860) 571-5100

PHYSICAL DATA

odor: odorless
appearance: white powder
melting point: 740°C
specific gravity: 1.73
pH of 5% solution: 9.5
solubility in water: 5% @ 20°C, 65% @ 100°C

REACTIVITY

stability: stable
conditions to avoid: excess heat, dust generation
materials to avoid: strong acids, strong oxidizers, alkaloid salts, metallic salts
Hazardous polymerization will not occur.

FIRE FIGHTING

flash point: non-combustible
special procedures: wear NIOSH approved self-contained breathing apparatus and full protective clothing
extinguishing media: dry chemical, carbon dioxide, water
combustion products: oxides of boron
unusual hazards: none

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: none specified by manufacturer

HEALTH HAZARD DATA - NOT HAZARDOUS

route of entry: eyes, skin, ingestion, inhalation
eye contact: mildly irritating to unwashed eyes
inhalation: mildly irritating
skin absorption: practically non-toxic
ingestion: practically non-toxic
toxicology: LD50 (oral, rat): >2660 mg/kg

No significant skin, 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.