

MATERIAL SAFETY DATA SHEET

Ethylenediaminetetraacetate (C₁₀H₁₆N₂O₈), 99%

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 ; DO NOT INDUCE VOMITING

HEALTH: 3 **FLAMMABILITY:** 1 **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

Dow Chemical Company
627-693 Washington Street
Midland MI 48640
(800) 258-2436

PHYSICAL DATA

odor: odorless
appearance: white powder
melting point: 220°C
specific gravity: 0.86
solubility in water: 0.5g/L @ 25°C

REACTIVITY

stability: stable
conditions to avoid: dust generation, excess heat
materials to avoid: strong oxidizing agents, strong bases, aluminum, copper, nickel
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: nitrogen oxides, carbon monoxide, carbon dioxide, irritating gases, toxic gases

PERSONAL PROTECTION

handling / storing: follow good hygiene practices / general storage
skin: full work clothing, impervious gloves
eyes: chemical safety goggles
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: may cause gastric discomfort
inhalation: irritating to upper respiratory tract
toxicology: LD50 (oral, mouse) 30 mg/kg

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.