Material Safety Data Sheet

Identification

Product #: 28320-7
CAS #: 84665-66-7
MF: C8H6O5
Name: Monoperoxyphthalic Acid, Magnesium Salt Hexahydrate, Tech. 80%

Toxicity Hazards

No toxicity data available

Health Hazard Data

Acute Effects

Harmful if swallowed, inhaled, or absorbed through skin.
Causese severe irritation.
High concentrations are extremely destructive to tissues of the mucous membranes and upper respiratory tract, eyes and skin.
Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

First Aid

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Call a physician.
Wash contaminated clothing before reuse.

Physical Data

Melting Pt: 93°C (Dec)
Appearance and Odor: White Powder

Fire and Explosion Hazard Data

Extinguishing Media

Water Spray

Special Firefighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Oxidizer

Unusual Fire and Explosions Hazards

Contact with other material may cause fire.
Emits toxic fumes under fire conditions.

Incompatibilities

Strong reducing agents

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PRODUCT #: 28320-7
CAS #: 34665-66-7
MF: C8H6O5
NAME: MONOPEROXYPHTHALIC ACID, MAGNESIUM SALT HEXAHYDRATE, TECH., 80%

--- REACTIVITY DATA ---
FINELY POWDERED METALS MAY DECOMPPOSE ON EXPOSURE TO MOIST AIR OR WATER.
STRONG BASES REACTS WITH:
HEAVY METAL SALTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE

--- SPILL OR LEAK PROCEDURES ---
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
EVAULATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
COVER WITH DRY LIME OR SODA ASH, PICK UP, KEEP IN A CLOSED CONTAINER AND HOLD FOR WASTE DISPOSAL.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
WASTE DISPOSAL METHOD
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
USE ONLY IN A CHEMICAL FUME HOOD.
SAFETY SHOWER AND EYE BATH.
AVOID BREATHING DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
SEVERE IRRITANT.
KEEP TIGHTLY CLOSED.
KEEP AWAY FROM COMBUSTIBLE MATERIALS, HEAT, SPARKS, AND OPEN FLAME.
MOISTURE SENSITIVE.
STORE UNDER NITROGEN.
STORE IN A COOL, DRY PLACE.

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