

ICN Biochemicals

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MSDS***Material Safety Data Sheet*****General Properties****Product:** N,N,N',N'-Tetramethyl-p-Phenylene Diamine Dihydrochloride**Synonym:** N,N,N',N'-Tetramethyl-14-Benzenediamine Dihydrochloride**Catalog Number:** 195517, 218979**Chemical Formula:** C₁₀H₁₆N₂·2HCl**Physical Description:** White powder**Melting Point:** 234°C**Boiling Point:** Not available**Specific Gravity:** Not available**Vapor Pressure:** Not available**Solubility in Water:** Slightly soluble**TLV of the Substance:** Not established**Storage:** Room Temperature**Remarks**

Toxic Solid, organic, n.o.s. (III)

scu-mus LDLo: 20mg/kg

CAS # 637-0-4 RTECS # Not available

UN # 2811 (III)

WHMIS D2A

Dangerous Reactions

Flammability: None

Flash Point (method): Not available

Minimum Ignition Temperature: Not established

Risk of explosion? No

Decomposition of the substance when heated or burned: YES,

Toxic Fumes of NO_x and HCl

Any Dangerous Reactions? Yes, With Strong oxidizing agents

and strong bases.

Extinguishing Media: CO₂, dry chemical, or

foam

Toxicological Data

Route(s) of Entry:

Inhalation: Yes Skin: Yes Ingestion:

Yes

Health Hazards - Acute and Chronic: Poisonous by subcutaneous

route. A skin, eye and mucous membrane irritant.

Signs and Symptoms of Exposure: Irritation.

Safe Handling and Safe Use of Materials

Spill or Release of Material

Absorb the liquid in dry sand, diatomite, vermiculite or other drying agent then shovel into suitable containers for disposal.

Acid Spills - Depending upon the situation neutralize with soda ash then use one of the following methods; soak up in an absorbent then shovel into suitable container for disposal, or flush away with a liberal amount of water.

Alkaline Spills - Depending upon the situation neutralize with NaHSO_4 and then use one of the following methods; soak up in an absorbent then shovel into suitable container for disposal, or flush away with a liberal amount of water.

Respiratory Protection: YES

Eye Protection: YES

Protective Gloves: YES

Is a local exhaust system required when the substance is used
for its normal purpose? YES

First Aid Procedures

Substance in Contact with Skin

Remove contaminated clothing and rinse with copious amounts
of soap and water for a considerable amount of time

Produces severe caustic burns or general disorders, call
a physician

Call a physician

Not Hazardous

Substance has been Swallowed

Rinse mouth several times with water, do not swallow

Drink 1 or 2 glasses of water within 15 minutes

Induce vomiting

In the case of imminent unconsciousness clear the respiratory
tract and lay patient on side in a stable position

Always Call a physician or take patient to hospital

Not Hazardous

Substance in Contact with Eyes

Rinse liberally with water for a considerable amount of time

Always call a physician or take to a hospital

Not Hazardous

Substance has been Inhaled

Take patient into the fresh air and allow to rest