



## Material Safety Data Sheet (MSDS)

### 1. IDENTIFICATION

Product Name: D-Chiro Inositol

### 2. HAZARDS DENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name    | Registration No. | CAS No.  | EC No. |
|------------------|------------------|----------|--------|
| D-Chiro Inositol | N/A              | 643-12-9 | N/A    |

### 4. FIRST AID MEASURES

**General advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Inhalation:** Move to fresh air. Call a physician immediately.

**Skin contact:** Rinse immediately with plenty of water and seek medical advice.

**Ingestion:** Do not induce vomiting without medical advice.

**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Protection of first aiders:** No information available

**Medical conditions aggravated by exposure:** None known.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam

**Specific hazards:** Burning produces irritant fumes.

**Unusual hazards:** None known.



**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific methods:** Water mist may be used to cool closed containers.

**Flash point:** Not determined.

**Autoignition temperature:** Not determined.

**NFPA rating:**

NFPA Health: 1 NFPA Flammability: 1 NFPA Reactivity: 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Environmental precautions:** Prevent product from entering drains.

**Methods for cleaning up:** Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Storage:** Keep container tightly closed. Store in a cool, dry place. Store away from incompatible materials such as oxidizing agents. Heat-sensitive, Light-sensitive.

**Handling:** Use only in area provided with appropriate exhaust ventilation.

**Safe handling advice:** Wear personal protective equipment.

**Incompatible products:** Oxidizing and spontaneously flammable products

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure adequate ventilation.

**Personal Protective Equipment**

**Respiratory protection:** Breathing apparatus only if aerosol or dust is formed.

**Hand protection:** PVC or other plastic material gloves

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses with side-shields

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state(20°C):** Solid

**Form:** Crystalline or crystalline powder

**Colour:** White-Almost white

**Odour:** Odourless



**pH:** 5-7

**Melting point/freezing point:** 230°C(244°Cdec.)

**Boiling point/range:** No data available

**Flash point:** No data available

**Flammability or explosive limits:**

Lower: No data available

Upper: No data available

**Relative density:** No data available

**Solubility(ies):**

[Water] Easily soluble in water

[Other solvents] Not dissolve in alcohol.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

**Primary irritation:** No data is available on the product itself.

**Carcinogenic effects:** No data is available on the product itself.

**Mutagenic effects:** No data is available on the product itself.

**Reproductive toxicity:** No data is available on the product itself.

## 12. ECOLOGICAL INFORMATION

**Mobility:** No data available

**Bioaccumulation:** No data available

**Ecotoxicity effects:** No data available

**Aquatic toxicity:** May cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

**Contaminated packaging:** Do not re-use empty containers

## 14. TRANSPORT INFORMATION

**Not regulated**



## **15. Regulatory Information**

**No data available**

## **16. OTHER INFORMATION**

**Prepared by:** Health & Safety

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