



## Section 1 - Chemical Product and Company Identification

**Product Name** DL-Dithiothreitol (DTT) extrapure, 98%  
**Product Code** 84834  
**CAS No** 3483-12-3  
**Use for** Laboratory Chemicals.  
**Company Name** Sisco Research Laboratories Pvt. Ltd.  
**Address** 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Andheri (E), Mumbai - 400 099, India

## Section 2 - Composition/Information on Ingredients

CAS#	Product Name	%	Einecs#
3483-12-3	DL-Dithiothreitol (DTT)	98	222-468-7

No Components need to be Disclosed according to the applicable regulations

## Section 3 - Hazards Identification

### Risk advise to man and the environment.

Not to hazardous substance or mixture (Non-Haz)

## Section 4 - First Aid Measures

**Eyes :** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin :**Wash off with soap and plenty of water. Take victim immediately to hospital.

Consult a physician.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water .Consult a physician.

**Inhalation:** If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

Notes to physician:

## Section 5 - Fire Fighting Measures

### Extinguishing Media

**Suitable:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special protective

**Equipment For Firefighters:** Wear self contained breathing apparatus for fire fighting if necessary

## Section 6 - Accidental Release Measures



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**Personal precautions:** Use personal protective equipment. Avoid dust formation. avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Method for cleaning up :** Pick up and arrange disposal without creating dust Keep in suitable ,closed containers for disposal.

## Section 7 - Handling and Storage

**Handling:** Avoid Contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures For preventive fire protection.

**Storage:** 0 to 4°C. Keep container tightly closed in dry and well ventilated place

## Section 8 - Exposure Control / Personal Protection

### Personal Protective Equipment

**Respiratory protection :** Where the risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type (EN 143) respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator .Use respirators and components tested and approved under appropriate government standards such as NIOSH (US)or CEN (EU).

**Hand Protection:** The selected protective gloves have to satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it Handle with gloves.

**Eye Protection:** Safety glasses

**Skin and body protection :** Choose the body protection according to the amount and concentration of dangerous substance at the work place .

**Hygiene measures :** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the Product.

## Section 9 - Physical and Chemical Properties

Physical State: Powder  
Molecular Formula: C<sub>4</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub>  
Molecular Weight: 154.24  
Melting point: 41 - 44 °C (106 - 111 °F) - lit.  
Boiling Point: NA  
Flash Point: > 110 °C (> 230 °F)

## Section 10 - Stability and Reactivity



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**Storage stability :** Stable under recommended storage conditions.

**Material to avoid :**

Hazardous decomposition

products formed under fire condition : Carbon oxides, Sulphur oxides

## Section 11 - Toxicological Information

Acute toxicity : No data available

Irritation and corrosion : No data available

Sensitisation : No data available

chronic exposure : IARC: No component of this product present at levels greater than or equal to 0.1% is identified as, possible or confirmed human carcinogen by IARC.

Sings And Symptoms

of Exposure: No data available

Route of Exposure

Inhalation : No data available

Skin: No data available

Eyes: No data available

Ingestion : No data available

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Considerations

**Product :** Observe all federal, state, and local environmental regulation. Contact a licensed professional waste service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging : Dispose of us unused product.

## Section 14 - Transport Information

**IATA** **IMO** **RID/ADR**

Shipping name: Not Regulated For Transport (Non Haz)

Hazard Class :

Un Number:

Packing Group:

## Section 15 - Regulatory Information

This Safety datasheet complies with the requirements of Regulation (EC) No 1907/2006



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LABORATORIES  
PVT. LTD.**

# Safety Data Sheet

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## **Section 16 - Other Information**

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.