## SECTION-1: Identification of the substance / mixture and the company / undertaking

| | |
|---|---|
| **Catalogue Number** | CS-T-65873 |
| **Product Name** | Thialysine Hydrochloride |
| **CAS No.** | 4099-35-8 |
| **Category** | Intermediate |
| **Synonyms** | L-4-Thialysine hydrochloride<br>NSC 186915<br>S-(2-Aminoethyl)-L-cysteine hydrochloride<br>S-(2-Aminoethyl)-L-cysteine monohydrochloride<br>S-(β-Aminoethyl)-L-cysteine hydrochloride<br>Thialysine hydrochloride |
| **Brand** | Clearsynth Labs Ltd. |
| **Identified uses** | Laboratory Chemicals |
| **Uses advised against** | Not available |
| **Company** | Clearsynth Labs Ltd.<br>Mumbai, India |
| **Emergency Phone #** | +91-22-245045900 |
| **REACH No.** | Not available |

## SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email **sales@clearsynth.com** for more details.

### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

### 2.2 Label Elements

**Signal Word:** Not available

Not available

**Hazard Statement(s)**

| Code | Statement |
|---|---|
| Not available | Not available |

**Precautionary Statement(s)**

| Code | Statement |
|---|---|

| | |
|---|---|
| Not available | Not available |

## SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Thialysine Hydrochloride
CAS Number : 4099-35-8
Molecular Formula : C5H13ClN2O2S
Molecular Weight : 200.69
Parent Chemical : Thialysine
Synonyms : L-4-Thialysine hydrochloride
NSC 186915
S-(2-Aminoethyl)-L-cysteine hydrochloride
S-(2-Aminoethyl)-L-cysteine monohydrochloride
S-(β-Aminoethyl)-L-cysteine hydrochloride
Thialysine hydrochloride
Concentration : Not available

## SECTION 4: First aid measures

Not available

## SECTION 5: Firefighting measures

Not available

## SECTION 6: Accidental release measures

Not available

## SECTION-7: Handling and storage

Not available

## SECTION 8: Exposure controls / personal protection

Not available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| Test | Result |
|---|---|
| Appearance | No data available |
| IR spectrum | No data available |
| pH | No data available |
| Solubility | No data available |

| Property | Value |
|---|---|
| a) Physical State | No data available |
| b) Color | No data available |
| c) Odor | No data available |
| d) pH | No data available |
| e) Vapour Pressure | No data available |
| f) Viscosity | No data available |
| g) Initial Boiling Point and boiling range | No data available |
| h) Melting Point / Freezing Point | No data available |
| i) Auto Ignition Temperature | No data available |
| j) Flash Point | No data available |
| k) Explosion Limit, Lower | No data available |
| l) Explosion Limit, Upper | No data available |
| m) Decomposition Temperature | No data available |
| n) Loss on Drying | No data available |
| o) Relative Density | No data available |
| p) Solubility (in DMSO) | No data available |
| q) Oxidizing Properties | No data available |

## SECTION 10: Stability and reactivity

Not available

## SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

Likely routes of exposure
- No data available.

Symptoms related to the physical, chemical and toxicological characteristics
- Not available.

## SECTION 12: Ecological information

Not available

## SECTION 13: Disposal considerations

Not available

## SECTION 14: Transport information

Not available

## SECTION 15: Regulatory information

Not available

## SECTION 16: Other information

Not available

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