

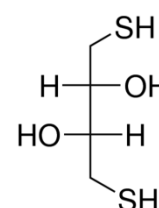


Product Specification

cdhfinechemical.com

DL-DITHIOTHREITOL (D.T.T.) FOR MOLECULAR BIOLOGY

PRODUCT CODE	928550
SYNONYMS	DL-DTT, Cleand's Reagent.
C.I. NO.	--
CASR NO.	3483-12-3
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₀ O ₂ S ₂
ATOMIC OR MOLECULAR WEIGHT	154.24
PROPERTIES	--



PARAMETER LIMIT

Description	White crystalline solid.
Solubility	3.3% Soluble in water.
Minimum assay (Iodometric)	99.0%
pH (0.1M in water at 25 ^o C)	4.00-6.50
Melting range	41-45 ^o C

MAXIMUM LIMIT OF IMPURITIES

Heavy metals (as Pb)	0.0005%
UV absorption (0.1 Min water at 260nm)	0.50
UV absorption (0.1 Min water at 280nm)	0.10

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code : --

UN No. : --

IATA :--

Hazard Pictogram(s) :



GHS07

Replace Date-06-July.2020