

MATERIAL SAFETY DATA SHEET

3H-1,2-Dithiole-3-thione: sc-206729



The Power to Question

Section I- Product Identification

Product Name	3H-1,2-dithiole-3-thione	Product ID	sc-206729
Chemical Name	D3T; 1,2-Dithiol-3-thione	Company	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800
CAS Number	534-25-8	Emergency	ChemWatch Within the US & Canada: 877-715-9305 Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112
Synonym	D3T; 1,2-Dithiol-3-thione		
Formula Wt.	134.25		

Section II- Health Hazard

LD50	Not Available
Classification	Not Available
Target Organs	Not Available
Route of Exposure	May be harmful by inhalation, ingestion or skin absorption.
Effect of Over Exposure	The chemical, physical and toxicological properties have not been thoroughly investigated.
Other Effects	Not Available

Section III- Fire and Explosion

Flash Point	Not Available
Extinguishing Media	Water spray, dry chemical powder, carbon dioxide, polymer foam.
Firefighting Procedures	Wear self-contained breathing apparatus and protective clothing.
Unusual Fire Hazards	May emit toxic fumes.

Section IV- First Aid

Eye Contact	Remove contact lenses. Flush with water for at least 15 minutes and seek medical attention immediately.
Skin Contact	Wash with soap and water for 15 minutes and seek medical attention immediately. Wash contaminated clothing before use.
Inhalation	Remove from exposure and provide respiration support if necessary. Seek medical attention.
Ingestion	

Section V- Physical Data

Physical State**Color****Boiling Point** Not Available**Volatility** Not Available**Melting Point** Not Available**Density** Not Available**Solubility** Insoluble in water. Soluble in DMSO.

Section VI- Chemical Hazard

Stability Stable**Materials To Avoid** Not Available

Section VII- Handling and Storage

**Hazardous
Decomposition
Products** Nature of decomposition products not known.**Other Remarks** None**Storage Conditions** Store in a cool, dry place in a tightly closed container.**Handling** Wear gloves, goggles, and lab coat when handling this material. Use in a well ventilated area. Use only in a chemical fume hood. Wash thoroughly after handling material.

Section VIII- Spillage

Cleanup Procedures Use appropriate tools to collect material and dispose of in waste container. Avoid raising dust. Ventilate the area and wash spill site after material has been removed.**Waste Disposal** Dispose of material according to all federal, state and local regulations.

Section IX- Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.