

Diltiazem: sc-204726



The Power to Question

Material Safety Data Sheet

Section I- Product Identification

Product Name	Diltiazem	Supplier	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800
Product Code	sc-204726		
Formula Wt.	414.52	Emergency	ChemWatch Within the US & Canada: 877-715-9305 Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112
CAS Number	42399-41-7		
Molecular Formula	C ₂₂ H ₂₆ N ₂ O ₄ S		

Section II- Health Hazard

LD50	Intravenous, mouse 61 mg/kg; Oral, mouse 740 mg/kg
Classification	Toxin, Irritant, Teratogen
Target Organs	Liver, central nervous system, gastrointestinal tract, cardiovascular system, skin.
Route of Exposure	May be harmful by inhalation, ingestion or skin absorption.
Effect of Over Exposure	Not Available
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 under fire conditions. May be combustible at high temperatures

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	Solid	Color	Not Available
Boiling Point	Not Available	Volatility	Not Available
Melting Point	212 C	Density	Not Available
Solubility	Soluble in water.		

Section VI- Chemical Hazard

Stability	Stable
Materials To Avoid	Keep away from heat and strong oxidizing agents.

Section VII- Handling and Storage

Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides.
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.