

5-Methyltetrahydrofolic Acid Calcium Salt Trihydrate (Mixture of Diastereomers): sc-207045



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name	5-Methyltetrahydrofolic Acid Calcium Salt Trihydrate (Mixture of Diastereomers)		
Catalog Number	sc-207045		
CAS#	134-35-0		
Synonyms	N-[4-[[[(2-Amino-3,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic Acid Calcium Trihydrate; N-Methyltetrahydrofolate Calcium Trihydrate; N5-Methyltetrahydrofolate Calcium Trihydrate; N5-Methyltetrahydropteroylglutamate Calcium Trihydrate; Prefolic A; Metafolin;		
Supplier	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800	Emergency	ChemWatch Within the US & Canada: 877-715-9305 Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2 - Hazardous Ingredients / Identity Information

The Toxicological Properties have not been thoroughly investigated. EXERCISE DUE CARE!

HMIS Classification

Health Hazard: 0 : Flammability: 0 : Physical hazards: 0

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	Off-White Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	>300°C (dec.)
Solubility in Water	yes	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	stable, Store under argon	Incompatibility (Materials to Avoid)	Strong Oxidizing Agents
Conditions to Avoid	Strong oxidizers		
Hazardous Decomposition or Byproducts	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, calcium oxides	Hazardous Polymerization	will not occur

Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	use in hood
Protective Gloves	chemical resistant gloves	Eye Protection	chemical safety goggles
Other Protective Clothing	lab coat or apron	Other Protection	safety shower and eye bath

Section 6 - First Aid Measures

Inhalation	Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen. Seek medical attention.
Skin	Rinse with copious amounts of water for 15 min, remove contaminated clothing and shoes.
Ingestion	Rinse mouth out with water provided the person is conscious. Call a physician.
Eyes	Flush eyes with copious amounts of water for atleast 15 min, separating the eyelids with fingers.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

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 probable, possible or confirmed human carcinogen by IARC.

Potential Health Effects
Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

<i>Medical Conditions</i>	To the best of our knowledge, the chemical, physical and toxicological properties have not been
<i>Generally Aggravated by Exposure</i>	thoroughly investigated

Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
<i>Waste Disposal Method</i>	This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.
<i>Precautions to Be Taken in Handling and Storage</i>	Store under argon

Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	Water spray. Carbon dioxide, Dry chemical powder or appropriate foam.
<i>Special Fire Fighting Procedures</i>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<i>Unusual Fire and Explosion Hazards</i>	Emits toxic fumes under fire conditions.

Section 10 - Transportation Information and regulatory information

DOT
Proper Shipping Name: None
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA
Non-Hazardous for Air Transport: Non-hazardous for air transport.

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.

9/2/2010