

(E,E)-Piperic Acid: sc-211392



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name	(E,E)-Piperic Acid		
Catalog Number	sc-211392		
CAS#	136-72-1		
Synonyms	(2E,4E)-5-(1,3-Benzodioxol-5-yl)-2,4-pentadienoic Acid; (E,E)-Piperonic Acid; Piperinic Acid; Piperonic Acid;		
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 of this compound have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	Pale Greenish Yellow Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	213-215°C
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	Stable	Incompatibility (Materials to Avoid)	strong oxidizing
Conditions to Avoid	strong oxidizers		
Hazardous Decomposition or Byproducts	toxic fumes of carbon monoxide, carbon dioxide	Hazardous Polymerization	will not occur

Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	HOOD
Protective Gloves	chemical resistant gloves	Eye Protection	safety goggles
Other Protective Clothing	lab coat, apron	Other Protection	Safety shower and eyewash

Section 6 - First Aid Measures

Inhalation	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.		
Skin	In case of skin contact, flush with copious amounts of water for atleast 15 minutes. Remove contaminated clothing and shoes. Call a physician.		
Ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.		
Eyes	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.		

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

ROUTE OF EXPOSURE

Skin Contact: Causes burns.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes burns.

Inhalation: Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.

Medical Conditions
Generally Aggravated by
Exposure

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOURGHLY INVESTIGATED

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled **Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.**

Waste Disposal Method **Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.**

Precautions to Be Taken in Handling and Storage **Keep tightly closed. Store in a cool dry place.**

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media **Carbon Dioxide, Dry chemical powder or appropriate foam.**

Special Fire Fighting Procedures **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Unusual Fire and Explosion Hazards **MAY EMIT 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.

10/28/2010