

2,2,5-Trimethyl-1,3-dioxane-5-carboxylic Acid Ethenyl Ester: sc-209285



The Power to Question

Material Safety Data Sheet

Section 1

Chemical Name 2,2,5-Trimethyl-1,3-dioxane-5-carboxylic Acid Ethenyl Ester

Synonyms 2,2,5-Trimethyl-5-vinylcarbonyl-1,3-dioxane;

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Catalogue # sc-209285

Cas Reg. No 865860-80-6

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

EMERGENCY OVERVIEW

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

Section 3 - Physical/Chemical Characteristics

Boiling Point 63°C
Vapor Pressure N/A
Vapor Density N/A
Solubility in Water N/A

Appearance and Odor

Colourless Liquid

Specific Gravity(H₂O=1)

N/A

Melting Point

N/A

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability stable

Incompatibility
(Materials to Avoid)

strong oxidizing agents,

Conditions to Avoid strong oxidizing agents

Hazardous
Decomposition or
Byproducts

carbon monoxide, carbon dioxide

Hazardous Polymerization

will not occur

Section 5 - Control Measures

Respiratory Protection niosh/msha approved respirator

Ventilation

hood

Protective Gloves rubber gloves

Eye Protection

safety goggles

Other Protective Clothing lab coat/apron

Other Protection

safety eye wash

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 at least 15 minutes. remove contaminated clothing and shoes.

Ingestion in 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 min.. assure adequate flushing by separating eyelids.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

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

Eye Contact: Causes severe eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: Harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

The chemical, physical, and toxicological properties of this product have not been thoroughly investigated.

<i>Medical Conditions Generally Aggravated by Exposure</i>	to the best of our knowledge the chemical, physical, and toxicological properties have not been thoroughly investigated. exercise due care.
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Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	wear protective equipment. 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.
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<i>Waste Disposal Method</i>	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.
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<i>Precautions to Be Taken in Handling and Storage</i>	mechanical exhaust required. do not breath dust. avoid contact with eyes, skin and clothing. keep tightly closed. store in a cool dry place.
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Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	water spray. carbon dioxide, dry chemical powder or appropriate foam.
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<i>Special Fire Fighting Procedures</i>	wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
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<i>Unusual Fire and Explosion Hazards</i>	Toxic fumes are emitted under fire conditions consisting of carbon monoxide, carbon dioxide, nitrogen oxides, and sulfur dioxide.
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Section 10 - Transportation Information and regulatory information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We will not be held responsible for any damage resulting from handling or contact with the chemical described.

Section 11- 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.