

4-Methyl-5-nitrocatechol: sc-210114



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1

Chemical Name 4-Methyl-5-nitrocatechol

Synonyms MNC

Catalog Nbr sc-210114

Cas Reg. No 68906-21-8

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.

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A

Vapor Pressure N/A

Vapor Density N/A

Solubility in Water N/A

Appearance and Odor

Yellow to Orange Solid

Specific Gravity(H₂O=1)

N/A

Melting Point

180-182°C

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability Stable, hygroscopic, store under inert gas

Incompatibility
(Materials to Avoid)

Strong oxidizing agents

Conditions to Avoid N/A

Hazardous Decomposition or Byproducts toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides

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 or apron

Other Protection

eye wash and shower

Section 6 - First Aid Measures

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion Wash out mouth with water provided person is conscious. Call a physician immediately.

Eyes In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

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: May cause eye irritation.

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

Ingestion: Toxic if swallowed

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

MNC is on the metabolic pathway for 2,4-Dinitotoluene degradation.

Medical Conditions The toxicological properties have not been thoroughly investigated exercise due care.
Generally Aggravated by
Exposure

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Wear appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area &
Case Material is wash spill site after pick-up is complete. Place waste in a bag & hold for disposal.
Released or Spilled

Waste Disposal Method Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State
& Local Laws when disposing of any waste.

Precautions to Be Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel.
Taken in Handling
and Storage

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting wear self contained breathing apparatus and protective clothing to prevent contact with skins and
Procedures eyes.

Unusual Fire and emits toxic fumes under fire conditions; container explosion may occur under fire conditions.
Explosion Hazards

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.