



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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2,2-dimethyl-1,3-benzodioxol-5-amine hydrochloride: sc-275201



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Name: 2,2-dimethyl-1,3-benzodioxol-5-amine hydrochloride
Catalog Number: sc-275201
Synonyms: N/A
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 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 – Composition, Information on Ingredients

CAS#: 75200-79-2
Chemical Name: 2,2-Dimethyl-1,3-benzodioxol-5-ylamine hydrochloride
EINECS#: unlisted
Hazard Symbols: XN
Risk Phrases: R20/21/22 36/37/38

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

Harmful by inhalation, in contact with skin and if swallowed.
Irritating to eyes, respiratory system and skin.

Potential Health Effects

- Eye:** Causes eye irritation. May cause chemical conjunctivitis.
- Skin:** Causes skin irritation. Harmful if absorbed through the skin.
- Ingestion:** Harmful if swallowed. May cause irritation of the digestive tract.
- Inhalation:** Harmful if inhaled. Causes respiratory tract irritation.
- Chronic:** No information found.

Section 4 – First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 – Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 – Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7 – Handling and Storage

Handling: Minimize dust generation and accumulation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse.

Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# 75200–79–2:

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 – Physical and Chemical Properties

Physical State:	brown solid	Solubility in water:	Not available
Odor:	Not available	pH:	Not available
Vapor Pressure:	Not available	Viscosity:	Not available
Boiling Point:	Not available	Freezing/Melting Point:	123–124° C
Autoignition Temperature:	Not available	Flash Point:	Not available
Explosion Limits: Lower:	Not available	Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available	Specific Gravity/Density:	Not available
Molecular Formula:	C9H11NO2.HCl	Molecular Weight:	201.65

Section 10 – Stability and Reactivity

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid: Dust generation.

Incompatibilities with Other Materials: Not available

Hazardous Decomposition Products: Hydrogen chloride, carbon monoxide, oxides of nitrogen, carbon dioxide, chlorine.

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

RTECS#:

CAS# 75200–79–2: None listed

LD50/LC50:

RTECS: Not available.

Carcinogenicity:

2,2-Dimethyl-1,3-benzodioxol-5-ylamine hydrochloride –
Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other:

The toxicological properties have not been fully investigated.

Section 12 – Ecological Information

Not available

Section 13 – Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 – Transport Information

IATA

Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.

Hazard Class: 6.1

UN Number: 2811

Packing Group: III

IMO

Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.

Hazard Class: 6.1

UN Number: 2811

Packing Group: III

RID/ADR

Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.

Hazard Class: 6.1

UN Number: 2811

Packing Group: III

Section 15 – Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 22 Do not breathe dust.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 75200–79–2: Not available

Canada

US Federal

TSCA

CAS# 75200–79–2 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 – 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.

11/5/2010