



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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4-Methylumbelliferyl phosphate, dilithium salt : sc-281424



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4-Methylumbelliferyl phosphate, dilithium salt
Product Number: sc-281424
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

Molecular Weight 268.01
Molecular Formula C₁₀H₇O₆PLi₂

<i>CAS No.</i>	<i>Percent</i>	<i>EINECS</i>	<i>Classification</i>
4-Methylumbelliferyl phosphate dilithium salt 125328-83-8	100%	-	-

Section 3 - Hazards Identification

Emergency Overview

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated. May be harmful if swallowed, inhaled or absorbed through skin. Target organs: None known.

Potential Health Effects

Eye May cause eye irritation.
Skin May cause skin irritation.
Ingestion May cause digestive tract irritation.
Inhalation May cause respiratory tract irritation.

Section 4 - First Aid Measures

Ingestion If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician.
Eye In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.
Skin In case of contact, wash skin with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

Notes to Physician

Treat symptomatically and supportively.

Section 5 - Firefighting Measures

General Information

As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Media

In case of fire use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Autoignition Temperature

Not available.

Flash Point

Not available.

NFPA Rating

Not published.

Explosion Limits

Lower: Not available. Upper: Not available.

Section 6 - Accidental Release Measures**General Information**

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks

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.

Section 7 - Handling and Storage**Handling**

Avoid ingestion and inhalation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage

Keep container tightly closed when not in use. Store at -20 °C. Store dry. Protect from light.

Section 8 - Exposure Controls, Personal Protection**Engineering Controls**

Use adequate ventilation to keep airborne concentrations low.

Exposure Limit

Not available.

Personal Protective Equipment

Eyes	Wear chemical safety goggles or face shield if splashing is possible.
Skin	Wear compatible chemical-resistant gloves to prevent skin exposure.
Hand	Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.
Clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirator	Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	solid	pH	N/A
Melting point	202 - 204 °C	Boiling point	N/A
Flash point	N/A	Ignition temperature	N/A
Autoignition temperature	N/A	Lower explosion limit	N/A
Upper explosion limit	N/A	Vapor pressure	N/A
Density	N/A	Water solubility	N/A
Relative vapor density	N/A	Odor	N/A
Odor Threshold	N/A	Evaporation rate	N/A
Solubility in water	Freely soluble		

Section 10 - Stability and Reactivity**Stability**

Stable.

Conditions to Avoid

light.

Incompatibilities

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products

Toxic fumes of: carbon monoxide, carbon dioxide, phosphorus oxides and / or phosphines. Hazardous Polymerization Will not occur.

Section 11 - Toxicological Information

RTECS	Not available.	LD50/LC50	Not available.
Carcinogenity	Not available.	Epidemiology	Not available.
Teratogen	Not available.	Reproductive Effects	Not available.
Neurotoxicity	Not available.	Mutagen	Not available.
Other Studies	Not available.		

Section 12 - Ecological Information

Ecotoxicity

Not available.

Environmental Fate

Not available.

Physical/Chemical

Not available.

Other

Not available.

Section 13 - Disposal Considerations

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.

Section 14 - Transport Information

IATA

UN Number	Not regulated as a hazardous material (IATA/ADR)	X
Proper Shipping Name	Not available	X
Class	Not available	X
Packing Group	Not available	

RID/ADR

UN Number	Not regulated as a hazardous material (IATA/ADR)	X
Proper Shipping Name	Not available	X
Class	Not available	
Packing Group	Not available	

Section 15 - Regulatory Information

European/International Regulations

Hazard Symbols	Not available
R-Phrase No.	Risk Phrases
Not available	Not available
S-Phrase No.	Safety Phrases
S24/25,S22	Avoid contact with skin and eyes. Do not breathe dust.

International Regulations

On DSL, Supplement to Canada Gazette, Part I, January 26, 1991.

Various

Exposure Limit Not available.

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.

3/13/2013