



# 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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# 9-Mesityl-10-methylacridinium Perchlorate: sc-291766



The Power to Question

## MATERIAL SAFETY DATA SHEET

HAZARD WARNINGS	RISK PHRASES	PROTECTIVE CLOTHING
 	<b>Oxidizer.</b> May decompose violently or explode by mixing with combustible/flammable, heat, shock, or friction. Irritating to skin, eyes, and the respiratory system.	   

### Section I. Chemical Product and Company Identification

Chemical Name	9-Mesityl-10-methylacridinium Perchlorate		
Catalog Number	sc-291766	Supplier	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800
CAS Number	674783-97-2		
Chemical Formula	C23H22ClNO4	Emergency	<b>ChemWatch</b> Within the US & Canada: 877-715-9305 Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112
Synonym	10-Methyl-9-(2,4,6-trimethylphenyl)acridinium Perchlorate		

### Section II. Composition and Information on Ingredients

Chemical Name	CAS Number	Percent (%)	TLV/PEL	Toxicology Data
9-Mesityl-10-methylacridinium Perchlorate	674783-97-2	Min. 98.0 (N)	Not available.	Not available.

### Section III. Hazards Identification

Acute Health Effects	Irritating to eyes and skin on contact. Inhalation causes irritation of the lungs and respiratory system. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Follow safe industrial hygiene practices and always wear proper protective equipment when handling this compound.
Chronic Health Effects	<b>CARCINOGENIC EFFECTS</b> : Not available. <b>MUTAGENIC EFFECTS</b> : Not available. <b>TERATOGENIC EFFECTS</b> : Not available. <b>DEVELOPMENTAL TOXICITY</b> : Not available. Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.

### Section IV. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If the victim is not breathing, perform mouth-to-mouth resuscitation. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, oxygen can be administered. Seek medical attention if respiration problems do not improve.
Ingestion	INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive.

### Section V. Fire and Explosion Data

Flammability	May be combustible at high temperature.	Auto-Ignition	Not available.
Flash Points	Not available.	Flammable Limits	Not available.
Combustion Products	These products are toxic carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ), halogenated compounds. WARNING: Highly toxic HCl gas is produced during combustion.		
Fire Hazards	Not available.		
Explosion Hazards	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.		
Fire Fighting Media and Instructions	Oxidizing material. DO NOT use water jet. Use flooding quantities of water. Avoid contact with organic materials. Consult with local fire authorities before attempting large scale fire-fighting operations.		

### Section VI. Accidental Release Measures

Spill Cleanup Instructions	Oxidizing material. Irritating material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Consult federal, state, and/or local authorities for assistance on disposal.
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**Section VII. Handling and Storage**

Handling and Storage Information      OXIDIZER. IRRITANT. Keep away from heat. Mechanical exhaust required. Keep away from combustible material. When not in use, tightly seal the container and store in a dry, cool place. Avoid excessive heat and light. Do not breathe dust. Always store away from incompatible compounds such as oxidizing agents, reducing agents, combustible materials, organic materials, acids.

**Section VIII. Exposure Controls/Personal Protection**

Engineering Controls      Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection      Splash goggles. Lab coat. Dust respirator. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Be sure to use a MSHA/NIOSH approved respirator or equivalent.



Exposure Limits      Not available.

**Section IX. Physical and Chemical Properties**

Physical state @ 20°C      Solid.      Solubility      Soluble in acetone.

Specific Gravity      Not available.

Molecular Weight      411.88      Partition Coefficient      Not available.

Boiling Point      Not available.      Vapor Pressure      Not applicable.

Melting Point      Not available.      Vapor Density      Not available.

Refractive Index      Not available.      Volatility      Not available.

Critical Temperature      Not available.      Odor      Not available.

Viscosity      Not available.      Taste      Not available.

**Section X. Stability and Reactivity Data**

Stability      This material is stable if stored under proper conditions. (See Section VII for instructions)

Conditions of Instability      Avoid excessive heat and light.

Incompatibilities      Reactive with reducing agents, combustible materials, organic materials, strong acids.

**Section XI. Toxicological Information**

RTECS Number      Not available.

Routes of Exposure      Eye Contact. Ingestion. Inhalation.

Toxicity Data      Not available.

Chronic Toxic Effects      **CARCINOGENIC EFFECTS** : Not available.  
**MUTAGENIC EFFECTS** : Not available.  
**TERATOGENIC EFFECTS** : Not available.  
**DEVELOPMENTAL TOXICITY**: Not available.  
Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.

Acute Toxic Effects      Irritating to eyes and skin on contact. Inhalation causes irritation of the lungs and respiratory system. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.  
Follow safe industrial hygiene practices and always wear proper protective equipment when handling this compound.


**Section XII. Ecological Information**

Ecotoxicity      Not available.

Environmental Fate      Not available.

**Section XIII. Disposal Considerations**

Waste Disposal      Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

<b>Section XIV. Transport Information</b>	
DOT Classification	DOT CLASS 5.1: Oxidizing material.
PIN Number	UN1479
Proper Shipping Name	Oxidizing solid, n.o.s.
Packing Group (PG)	III
DOT Pictograms	

<b>Section XV. Other Regulatory Information and Pictograms</b>	
TSCA Chemical Inventory (EPA)	This product is <b>NOT</b> on the EPA Toxic Substances Control Act (TSCA) inventory. The following notices are required by 40 CFR 720.36 (C) for those products not on the inventory list: (i) These products are supplied solely for use in research and development by or under the supervision of a technically qualified individual as defined in 40 CFR 720.0 et sec. (ii) The health risks of these products have not been fully determined. Any information that is or becomes available will be supplied on an MSDS sheet.
WHMIS Classification (Canada)	CLASS C: Oxidizing material.
EINECS Number (EEC)	Not available.
EEC Risk Statements	R8- Contact with combustible material may cause fire. R36/37/38- Irritating to eyes, respiratory system and skin.
Japanese Regulatory Data	Not available.

<b>Section XVI. Other Information</b>	
Notice to Reader:	<b><i>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.</i></b>

8/31/2011