

# N-Desmethyl Loperamide: sc-212189



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### Section 1 - General Information

**Chemical Name:**

N-Desmethyl Loperamide

**CAS Reg. Number:**

66164-07-6

**Catalog Number:**

sc-212189

**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 - Hazardous Ingredients/Identity Information

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

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Solubility in Water:**

N/A

**Appearance and Odor:**

Off-White Solid

**Melting Point:**

219-221°C

**Vapor Pressure:**

N/A

**Evaporation Rate (ButylAcetate=1):**

N/A

**Specific Gravity(H<sub>2</sub>O=1):**

N/A

**Vapor Density:**

N/A

### Section 4 - Reactive Data

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Strong oxidizers

**Conditions to Avoid:**

strong oxidizers

**Hazardous Decomposition or Byproducts:**

toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride gas

**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:** May cause eye irritation.

**Inhalation:** Material may be irritating to mucous membranes & upper respiratory tract. May be toxic by inhalation.

**Ingestion:** Toxic if swallowed. SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. A metabolite of Loperamide; a new and improved PET radiotracer for imaging P-gp function.

**Medical Conditions Generally Aggravated by Exposure:**

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

**Section 8 - Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled:**

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.

**Waste Disposal Method:**

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.

**Precautions to Be Taken in Handling and Storage:**

MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

**Section 9 - Fire and Explosion Hazard Data****Extinguishing Media:**

WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

**Special Fire Fighting Procedures:**

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

**Unusual Fire and Explosion Hazards:**

emits toxic fumes

**Section 10 - Transportation Information and regulatory information**

**DOT**

Proper Shipping Name: Toxic solids, organic, n.o.s.

UN#: 2811 Class: 6.1

Packing Group: Packing Group III

Hazard Label: Toxic substances.

PIH: Not PIH

**IATA**

Proper Shipping Name: Toxic solid, organic, n.o.s.

IATA UN Number: 2811

Hazard Class: 6.1

Packing Group: III

***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.***

10/11/2010