

MATERIAL SAFETY DATA SHEET



The Power to Question

N-Boc-4-nitro-L-phenylalanine Methyl Ester: sc-207995

Section 1

Chemical Name	N-Boc-4-nitro-L-phenylalanine Methyl Ester		
Synonyms	N-(tert-Butoxycarbonyl)-4-nitro-L-phenylalanine Methyl Ester; N-[(1,1-Dimethylethoxy)carbonyl]-4-nitro-L-phenylalanine Methyl Ester; Methyl (2S)-2-[(tert-butoxycarbonyl)amino]-3-(4-nitrophenyl)propanoate;		
Catalogue #	sc-207995		
Cas Reg. No	65615-89-6		
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

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	Appearance and Odor	White Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	N/A
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	Good,	Incompatibility (Materials to Avoid)	Strong oxidizing agents
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Conditions to Avoid Strong oxidizers

Hazardous Decomposition or Byproducts	Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides	Hazardous Polymerization	Will not occur
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Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	Chemical Fume Hood
Protective Gloves	Rubber Gloves	Eye Protection	Chemical Safety Goggles
Other Protective Clothing	Lab Coat/Apron	Other Protection	Eye Safety Wash

Section 6 - First Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Skin	In case of contact, immediately wash skin with soap and copious amounts of water.
Ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Eyes	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Section 7 - Health Hazard Data

*Health Hazards
(Acute and Chronic)*

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: May be harmful if swallowed.

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

*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 respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Sweep up, place in a bag, and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick-up 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. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

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 UNDER FIRE CONDITIONS

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.