

*The Power to Question*

# 1-Methyl-D-tryptophan: sc-200313

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## Section 1 - Product and Company Information

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|----------------|------------------------------------------------------------------------------------------------------------------------|
| Product Name   | 1-METHYL-D-TRYPTOPHAN                                                                                                  |
| Catalog Number | sc-200313                                                                                                              |
| Company        | Santa Cruz Biotechnology, Inc.<br>2145 Delaware Avenue<br>Santa Cruz, California 95060<br>800.457.3801 or 831.457.3800 |

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## Section 2 - Composition/Information on Ingredient

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|                             |             |          |
|-----------------------------|-------------|----------|
| Substance Name              | CAS #       | SARA 313 |
| 1-METHYL-D-TRYPTOPHAN , 95% | 110117-83-4 | No       |
| Formula                     | C12H14N2O2  |          |

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## Section 3 - Hazards Identification

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For additional information on toxicity, please refer to Section 11.

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## Section 4 - First Aid Measures

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### ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### INHALATION EXPOSURE

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

### DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

### EYE EXPOSURE

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

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## Section 5 - Fire Fighting Measures

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### FLASH POINT

N/A

### AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
Specific Hazard(s): Emits toxic fumes under fire conditions.

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Section 6 - Accidental Release Measures

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PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

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.

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Section 7 - Handling and Storage

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HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed. Store in a cool dry place.

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Section 8 - Exposure Controls / PPE

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ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Wash contaminated clothing before reuse.

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Section 9 - Physical/Chemical Properties

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|                       |                  |
|-----------------------|------------------|
| Molecular Weight      | 218.26 AMU       |
| pH                    | N/A              |
| BP/BP Range           | N/A              |
| MP/MP Range           | 242.0 - 245.0 °C |
| Freezing Point        | N/A              |
| Vapor Pressure        | N/A              |
| Vapor Density         | N/A              |
| Saturated Vapor Conc. | N/A              |
| Bulk Density          | N/A              |
| Odor Threshold        | N/A              |
| Volatile%             | N/A              |

|                       |     |
|-----------------------|-----|
| VOC Content           | N/A |
| Water Content         | N/A |
| Solvent Content       | N/A |
| Evaporation Rate      | N/A |
| Viscosity             | N/A |
| Surface Tension       | N/A |
| Partition Coefficient | N/A |
| Decomposition Temp.   | N/A |
| Flash Point           | N/A |
| Explosion Limits      | N/A |
| Flammability          | N/A |
| Autoignition Temp     | N/A |
| Refractive Index      | N/A |
| Optical Rotation      | N/A |
| Miscellaneous Data    | N/A |
| Solubility            | N/A |

N/A = not available

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## Section 10 - Stability and Reactivity

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### STABILITY

Materials to Avoid: Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

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## Section 11 - Toxicological Information

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### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract.

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.

### SIGNS AND SYMPTOMS OF EXPOSURE

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

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## Section 12 - Ecological Information

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No data available.

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## Section 13 - Disposal Considerations

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### APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

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.

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## Section 14 - Transport Information

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### 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.

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Section 15 - Regulatory Information

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UNITED STATES REGULATORY INFORMATION  
SARA LISTED: No

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.  
DSL: No  
NDSL: No

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Section 16 - Other Information

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***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.***

Emergency Contact:

ChemWatch

Within the US & Canada: 877-715-9305

Outside the US & Canada: +800 2436 2255

(1-800-CHEMCALL) or call +613 9573 3112

5/6/2010