

1-Methyl-1H-indole-5-carboxaldehyde: sc-258783



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: 1-Methyl-1H-indole-5-carboxaldehyde
Catalog Number: sc-258783
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: Hazards identification

Classification of the substance or mixture

Classification under CHIP:

R20/21/22 Xn
R36/37/38 Xi

Classification under CLP:

H302+312+332 Acute Tox. 4
H335 STOT SE 3
H319 Eye Irrit. 2
H315 Skin Irrit. 2

Most important adverse effects: Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.

Label elements

Label elements under CLP:

Hazard statements:

H302+312+332 Harmful if swallowed, in contact with skin or if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
Signal words Warning

Hazard pictograms:

GHS07 Exclamation mark



Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P271 Use only outdoors or in a well-ventilated area.

Label elements under CHIP:

Hazard symbols:

Harmful



Risk phrases:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases:

S22	Do not breathe dust.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients**Substances**

Chemical identity: 1-Methyl-1H-indole-5-carboxaldehyde

Molecular Weight: 159.18

Molecular Formula: C₁₀H₉NO

CAS Registry #: 90923-75-4

Section 4: First aid measures**Description of first aid measures**

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a liter of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire-fighting measures**Extinguishing media**

Carbon dioxide, dry chemical powder, foam. Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. Carbon oxides. Nitrogen oxides (NO_x).

Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions

Do not discharge into drains or rivers.

Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Reference to other sections

No data available

Section 7: Handling and storage

Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Only use in fume hood.

Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Light Sensitive. Store under Argon. Store at 4 °C.

Suitable packaging: Must only be kept in original packaging.

Specific end use(s)

No data available.

Section 8: Exposure controls/personal protection

Control parameters

Workplace exposure limits: Not applicable.

Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

State: Solid

Melting point/range: 84-86 °C

Section 10: Stability and reactivity

Reactivity

Stable under recommended transport or storage conditions.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Conditions to avoid

Heat. Light.

Incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Nitrogen oxides (NOx).

Section 11: Toxicological information

Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Based on test data
Skin corrosion/irritation	DRM	Based on test data
Serious eye damage/irritation	OPT	Based on test data
STOT-single exposure	INH	Based on test data

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

Toxicity

Ecotoxicity values: Not applicable.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

Other adverse effects

No data available.

Section 13: Disposal considerations

Waste treatment methods

Disposal operations: Material should be disposed of in accordance with local, state, and federal regulations.

Disposal of packaging: Dispose of as special waste in compliance with local and national regulations. Observe all federal, state and local environmental regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

UN number

UN2811

UN proper shipping name

TOXIC SOLID, ORGANIC, N.O.S.

Transport hazard class(es)

6.1

Packing group

III

Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

Special precautions for user

Tunnel code: E

Transport category: 2

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 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.

1/24/2013