

5-Methyl-2-furanmethanol: sc-210365



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: 5-Methyl-2-furanmethanol
Catalog Number: sc-210365
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

Classification under CLP

H302+312+332 Acute Tox. 4

Most important adverse effects: Harmful by inhalation, in contact with skin and if swallowed.

Label elements under CLP

Hazard statements

H302+312+332 Harmful if swallowed, in contact with skin or if inhaled.

Hazard pictograms

GHS07 Exclamation mark



Signal words Warning

Precautionary statements

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Label elements under CHIP

Hazard symbols

Harmful



Risk phrases

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Other hazards

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

Section 3: Composition/information on ingredients

Chemical identity: 5-Methyl-2-furanmethanol
Formula: C₆H₈O₂
Molecular Weight: 112.13
CAS Number: 3857-25-8

Section 4: 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

Bath 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.

Section 5: Fire-fighting measures

Extinguishing media

Carbon dioxide, dry chemical powder, foam. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Special hazards arising from the substance or mixture

In combustion emits toxic fumes of carbon oxides.

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

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. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Section 7: Handling and storage

Precautions for safe handling

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

Store in cool, well ventilated area. Keep container tightly closed. Store at 4 °C.

Suitable packaging

Must only be kept in original packaging.

Section 8: Exposure controls/personal protection

Control parameters

Workplace exposure limits

No data available.

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

Impermeable gloves.

Eye protection

Safety glasses. Ensure eye bath is to hand.

Skin protection

Protective clothing.

Section 9: Physical and chemical properties

Form	Liquid	Odor	No data available
Evaporation rate	No data available	Oxidizing	No data available
Solubility in water	Insoluble	Also soluble in	No data available
Viscosity	No data available	Boiling point/range°C	No data available
Melting point/range°C	No data available	Flash point°C	No data available
Part.coeff. n-octanol/water	No data available	Vapor pressure	No data available
Relative density	1.077	pH	No data available

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 will not occur under normal transport or storage conditions.

Conditions to avoid

Heat.

Incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

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

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: No data available.

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**

UN number: UN2810

UN proper shipping name

Shipping name: TOXIC LIQUID, ORGANIC, N.O.S.

Transport hazard class(es)

Transport class: 6.1

Packing group

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.

9/08/2014