

# (1-Methyl-1H-imidazol-2-yl)methanol: sc-255841



The Power to Question

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** (1-Methyl-1H-imidazol-2-yl)methanol  
**Catalog Number:** sc-255841  
**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

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

Skin Corrosion / irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A  
Specific target organ systemic toxicity (single exposure) Category 3

#### Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R phrases mentioned in this Section, see Section 16

**Symbol(s)** Xi – Irritant  
**R -phrase(s)** none  
**Risk Combination Phrases** R36/37/38 – Irritating to eyes, respiratory system and skin  
**Label Elements**



#### Signal Word

Warning

#### Hazard Statements

H319 – Causes serious eye irritation  
H315 – Causes skin irritation  
H335 – May cause respiratory irritation

#### Precautionary Statements – EU (§28, 1272/2008)

P261 – Avoid breathing dust/fume/gas/mist/vapors/spray  
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water  
P280 – Wear protective gloves/protective clothing/eye protection/face protection  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing

#### Other Hazards

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	EC No.	Weight %	CAS-No	Classification	GHSCLAS
(1-Methyl-1H-imidazol-2-yl)methanol		97	17334-08-6	Xi;R36/37/38	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)

For the full text of the R phrases mentioned in this Section, see Section 16

#### 4. FIRST AID MEASURES

##### Description of first aid measures

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Obtain medical attention

**Skin Contact** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes Obtain medical attention

**Ingestion** Clean mouth with water Get medical attention

**Inhalation** Remove from exposure, lie down Move to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration Obtain medical attention

**Notes to Physician** Treat symptomatically

#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing media

##### Suitable Extinguishing Media

Water spray Carbon dioxide (CO<sub>2</sub>) Dry chemical chemical foam

##### Extinguishing media which must not be used for safety reasons

No information available.

##### Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

##### Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

##### Environmental precautions

Prevent further leakage or spillage if safe to do so

##### Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal

#### 7. HANDLING AND STORAGE

##### Precautions for Safe Handling

Avoid contact with skin and eyes Do not breathe dust Do not breathe vapors or spray mist

##### Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place Keep container tightly closed Keep under nitrogen

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Control parameters

**Exposure limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL)** No information available.

##### Predicted No Effect Concentration

**(PNEC)** No information available.

##### Exposure controls

**Engineering Measures** Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers are close to the workstation location

##### Personal protective equipment

**Eye Protection** Goggles

**Hand Protection** Protective gloves

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure

**Respiratory Protection** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls** No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid
<b>Boiling Point/Range</b>	No information available.
<b>Melting Point/Range</b>	107 – 111°C / 224.6 – 231.8°F
<b>Flash Point</b>	No information available.
<b>Molecular Formula</b>	C5 H8 N2 O
<b>Molecular Weight</b>	112.13

## 10. STABILITY AND REACTIVITY

### Reactivity

#### Chemical Stability

Stable under normal conditions.

#### Possibility of Hazardous Reactions

**Hazardous Polymerization** No information available.

**Hazardous Reactions** . No information available.

#### Conditions to Avoid

Incompatible products.

#### Incompatible Materials

Acids, Halogens, Acid chlorides, halogenated agents.

#### Hazardous Decomposition Products

Nitrogen oxides (NOx). Carbon monoxide (CO). Carbon dioxide (CO2).

## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

#### Acute Toxicity

**Product Information** No acute toxicity information is available for this product

#### Component Information

#### Chronic Toxicity

**Carcinogenicity** There are no known carcinogenic chemicals in this product

**Sensitization** No information available.

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Target Organs** No information available.

**Other Adverse Effects** The toxicological properties have not been fully investigated.

**Endocrine Disruptor Information** None known

## 12. ECOLOGICAL INFORMATION

### Toxicity

**Ecotoxicity effects** Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

#### Persistence and degradability

No information available

#### Bioaccumulative potential

No information available.

#### Mobility in soil

No information available.

#### Results of PBT and vPvB assessment

#### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Waste from Residues / Unused

**Products** Dispose of in accordance with local regulations

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal

#### **14. TRANSPORT INFORMATION**

**IMDG/IMO** Not regulated

**ADR** Not regulated

**IATA** Not regulated

#### **15. REGULATORY INFORMATION**

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

**International Inventories**

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory Lists

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**CHINA** - China Inventory of Existing Chemical Substances

**AICS** - Inventory of Chemical Substances

**KECL** - Existing and Evaluated Chemical Substances

**Chemical Safety Assessment**

#### **16. OTHER INFORMATION**

**Text of R phrases mentioned in Section 2-3**

R36/37/38 – Irritating to eyes, respiratory system and skin

*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.*

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