



The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.

Revision date 08-Jun-2016

Version 1.1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name Methyl phenylacetate  
Product Code SC-235839

### Recommended use of the chemical and restrictions on use

For research use only. Not intended for diagnostic or therapeutic use.

### Details of the supplier of the safety data sheet

Santa Cruz Biotechnology, Inc.  
10410 Finnell Street  
Dallas, TX 75220  
831.457.3800  
800.457.3801  
scbt@scbt.com

### Emergency telephone number

Chemtrec  
1.800.424.9300 (Within USA)  
+1.703.527.3887 (Outside USA)

## 2. HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Classification

Flammable liquids Category 4

### Label elements

Signal word Warning

Hazard statements Combustible liquid

Symbols/Pictograms

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

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

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Hazards not otherwise classified (HNOC) Not applicable

### Other Information

**NFPA** Health hazards 0  
Flammability 2  
Stability 0  
Physical and chemical properties -



**HMIS** Health hazards 1  
Flammability 2  
Physical hazards 0  
Personal protection -

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No 101-41-7  
 Molecular Weight 150.17  
 Formula C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>

| Chemical Name        | CAS No   | Weight % | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|----------------------|----------|----------|----------------------|-------------------------|-----------------|
| Methyl phenylacetate | 101-41-7 | >98      | = 2550 mg/kg ( Rat ) | = 2400 mg/kg ( Rabbit ) | -               |

#### 4. FIRST AID MEASURES

##### First Aid Measures

General advice Consult a physician if necessary. Remove to fresh air.  
 Eye contact Wash with plenty of water.  
 Skin Contact Wash skin with soap and water.  
 Inhalation Remove to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration  
 Ingestion Never give anything by mouth to an unconscious person. Clean mouth with water.

##### Most important symptoms and effects, both acute and delayed

Symptoms No information available.

##### Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 Unsuitable Extinguishing Media None.

##### Specific hazards arising from the chemical

Specific hazards arising from the chemical No information available.  
 Hazardous combustion products Carbon oxides.

##### Explosion data

Sensitivity to Mechanical Impact No information available.  
 Sensitivity to Static Discharge No information available.

##### Protective equipment and precautions for firefighters

Protective equipment and precautions for firefighters 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

Personal precautions Ensure adequate ventilation, especially in confined areas.

##### Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

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

|                         |   |
|-------------------------|---|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up | Pick up and transfer to properly labeled containers.  |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

|                         |  |
|-------------------------|--|
| Advice on safe handling | Handle in accordance with good industrial hygiene and safety practice. |
|-------------------------|--|

### Conditions for safe storage, including any incompatibilities

|                        |   |
|------------------------|---|
| Storage Conditions     | Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature. |
| Incompatible materials | None known based on information supplied.   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

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

### Appropriate engineering controls

|                      |  |
|----------------------|--|
| Engineering Controls | Showers<br>Eyewash stations<br>Ventilation systems |
|----------------------|--|

### Individual protection measures, such as personal protective equipment

|                                |   |
|--------------------------------|---|
| Eye/face protection            | Wear safety glasses with side shields (or goggles).   |
| Skin and Body Protection       | Wear protective gloves and protective clothing.   |
| Respiratory protection         | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                |                          |
|----------------|--------------------------|
| Physical State | liquid                   |
| Appearance     | No information available |
| Odor           | No information available |

| <u>Property</u>              | <u>Values</u>            |
|------------------------------|--------------------------|
| pH                           | No information available |
| Melting point/freezing point | No information available |
| Boiling point                | 218 °C                   |
| Flash point                  | 91 °C CC (closed cup)    |
| Density                      | 1.07 g/cm <sup>3</sup>   |
| Evaporation rate             | No information available |
| Upper flammability limits    | No information available |
| Lower flammability limit     | No information available |
| Vapor pressure               | 0.13 mmHg                |
| Vapor density                | No information available |
| Specific gravity             | No information available |
| Water solubility             | No information available |

|                              |                          |
|------------------------------|--------------------------|
| Solubility in other solvents | No information available |
| Partition coefficient        | 1.83                     |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Kinematic viscosity          | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |

## 10. STABILITY AND REACTIVITY

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|                                    |  |
|------------------------------------|--|
| Reactivity                         | Not applicable                               |
| Chemical stability                 | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions | None under normal processing.                |
| Hazardous polymerization           | No information available.                    |
| Conditions to avoid                | Extremes of temperature and direct sunlight. |
| Incompatible materials             | Strong oxidizing agents.                     |
| Hazardous Decomposition Products   | Carbon oxides.                               |

## 11. TOXICOLOGICAL INFORMATION

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### Information on likely routes of exposure

|              |                    |
|--------------|--------------------|
| Inhalation   | No data available. |
| Eye contact  | No data available. |
| Skin Contact | No data available. |
| Ingestion    | No data available. |

### Information on toxicological effects

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                  |                           |
|------------------|---------------------------|
| Chronic Toxicity | No information available. |
|------------------|---------------------------|

### Numerical measures of toxicity - Product Information

|  |                          |
|--|--------------------------|
| Unknown acute toxicity   | No information available |
| The following values are calculated based on chapter 3.1 of the GHS document |                          |
| ATEmix (oral)  | 2550 mg/kg               |
| ATEmix (dermal)  | 2400 mg/kg               |

## 12. ECOLOGICAL INFORMATION

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|             |  |
|-------------|--|
| Ecotoxicity | May cause long lasting harmful effects to aquatic life |
|-------------|--|

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

|                               |                           |
|-------------------------------|---------------------------|
| Persistence and degradability | No information available. |
| Bioaccumulation               | No information available. |
| Mobility                      | No information available. |

## 13. DISPOSAL CONSIDERATIONS

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Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.  
Contaminated packaging Do not reuse container.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**IMDG** Not regulated  
**IATA** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

All of the components in the product are on the following Inventory lists

TSCA (United States): Canada (DSL/NDSL) Europe (EINECS/ELINCS/NLP) Australia (AICS) South Korea (KECL): China (IECSC)  
ENCS (Japan): Philippines (PICCS)

| Chemical Name        | TSCA | DSL | NDSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|----------------------|------|-----|------|--------|--------|------|-------|------|-------|------|
| Methyl phenylacetate | X    | X   | -    | X      | -      | X    | X     | X    | X     | X    |

X - Listed

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

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Acute health hazard No  
Chronic Health Hazard No  
Fire hazard Yes  
Sudden release of pressure hazard No  
Reactive hazard No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

