

# LY 235959: sc-361239



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** LY 235959

**Product Number:** sc-361239

**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

This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008.

#### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Other hazards** - none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Molecular Formula:** C<sub>11</sub>H<sub>20</sub>NO<sub>5</sub>P

**Molecular Weight:** 277.26

| <i>CAS-No.</i>                  | <i>EC-No.</i> | <i>Index-No.</i> | <i>Concentration</i> |
|---------------------------------|---------------|------------------|----------------------|
| <b>LY 235959</b><br>137433-06-8 | -             | -                | -                    |

### 4. FIRST AID MEASURES

#### Description of first aid measures

##### General advice

Consult a doctor and show this safety data sheet.

##### If inhaled

Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.

##### In case of skin contact

Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.

##### In case of eye contact

Flush with copious amounts of water for at least 15 minutes. Consult a doctor.

##### If swallowed

Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

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

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

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

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

In combustion, may emit toxic fumes.

#### Precautions for fire-fighters

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Do not take action without suitable protective clothing - see section 8 of SDS. Evacuate personnel to safe areas.

Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

### Environmental precautions

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Cover spillage with suitable absorbent material. Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10% caustic solution and ventilate area until after disposal is complete. Hold all material for appropriate disposal as described under section 13 of SDS.

### Reference to other sections

For required PPE see section 8. For disposal see section 13.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure.

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

Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use. Desiccate at +4 °C

### Specific end uses

Use in a laboratory fume hood where possible. Refer to employer's COSHH risk assessment.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Exposure controls

#### Appropriate engineering controls

Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

#### Personal protective equipment

##### Eye/face protection

Use appropriate safety glasses.

##### Skin protection

Use appropriate chemical resistant gloves (minimum requirement use standard BS EN 374:2003). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.

##### Body protection

Wear appropriate protective clothing.

##### Respiratory protection

If risk assessment indicates necessary, use a suitable respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                   |                           |                   |
|--|-------------------|---------------------------|-------------------|
| Appearance                                     | Solid             | Vapor pressure            | No data available |
| Odor   | No data available | Vapor density             | No data available |
| Odor threshold                                 | No data available | Relative density          | No data available |
| pH   | No data available | Solubility(ies)           | 100 mM in water   |
| Melting / freezing point                       | No data available | Partition coefficient     | No data available |
| Boiling point / range                          | No data available | Auto-ignition temperature | No data available |
| Flash point                                    | No data available | Decomposition temperature | No data available |
| Evaporation rate                               | No data available | Viscosity                 | No data available |
| Flammability (solid, gas)                      | No data available | Explosive properties      | No data available |
| Upper / lower flammability or explosive limits | No data available | Oxidizing properties      | No data available |

## 10. STABILITY AND REACTIVITY]

### Reactivity

Stable under recommended transport or storage conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### Conditions to avoid

Heat, moisture.

### Incompatible materials

Strong acids/alkalis, strong oxidizing/reducing agents.

### Hazardous decomposition products

In combustion may emit toxic fumes. No known decomposition information.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute Toxicity

No data available.

#### Skin corrosion/irritation

Classification criteria are not met based on available data

#### Serious eye damage/irritation

Classification criteria are not met based on available data

#### Respiratory or skin sensitization

Classification criteria are not met based on available data

#### Germ cell mutagenicity

Classification criteria are not met based on available data

#### Carcinogenicity

Classification criteria are not met based on available data

#### Reproductive toxicity

Classification criteria are not met based on available data

#### Specific target organ toxicity - single exposure

Classification criteria are not met based on available data

#### Specific target organ toxicity - repeated exposure

Classification criteria are not met based on available data

#### Aspiration hazard

Classification criteria are not met based on available data

#### Symptoms / Routes of exposure

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

**Ingestion** There may be irritation of the throat.

**Skin** There may be mild irritation at the site of contact.

**Eyes** There may be irritation and redness.

**Delayed / Immediate Effects:** No known symptoms.

### **Additional Information**

Exposure may cause irritation to eyes, mucous membranes upper respiratory tract and skin. To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

## **12. ECOLOGICAL INFORMATION**

### **Toxicity**

no data available

### **Bioaccumulative potential**

no data available

### **PBT and vPvB assessment**

no data available

### **Persistence and degradability**

no data available

### **Mobility in soil**

no data available

### **Other adverse effects**

May be harmful to the aquatic environment.

## **13. DISPOSAL CONSIDERATIONS**

### **Waste treatment methods**

#### **Product**

Transfer to a suitable container and arrange for collection by specialized disposal company in accordance with National legislation.

#### **Contaminated packaging**

Dispose of in a regulated landfill site or other method for hazardous or toxic wastes in accordance with National legislation.

## **14. TRANSPORT INFORMATION**

Classified according to the criteria of the UN Model Regulations as reflected in the IMDG Code, ADR, RID and IATA.

### **DOT (US)**

Not dangerous goods

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

### **Environmental hazards**

This product is not classified as environmentally hazardous according to the UN Model Regulations, nor a marine pollutant according to the IMDG Code.

### **Special precautions for users**

No data available

## **15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

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

No data available

### **Chemical safety assessment**

A Chemical Safety Assessment has not been made for this product.

## **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.*

11/15/2012