

SB 431542: sc-204265



MATERIAL SAFETY DATA SHEET

The Power to Question

1. Chemical Product and Company Identification

Product Name: SB 431542
Product Number: sc-204265
Synonyms: 4-(5-BENZOL[1,3]DIOXOL-5-YL-4-PYRLDIN-2-YL-1H-IMIDAZOL-2-YL)-BENZAMIDE
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. Composition/Information on Ingredients

Molecular Formula: C₂₂H₁₆N₄O₃
Molecular Weight: 384.39

<i>CAS-No.</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>	<i>Concentration</i>
SB 431542 301836-41-9	No data.	No data.	100.0%

3. Hazards Identification

Emergency Overview: No data available.

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: Injection

Potential Health Effects (Acute and Chronic): Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. The toxicological properties of this compound have not been fully evaluated.

Signs and Symptoms Of Exposure: No data available.

4. First Aid Measures

Emergency and First Aid Procedures

If inhaled: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

If swallowed: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

In case of contact with eyes: Hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

5. Fire Fighting Measures

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards: No data available.

Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

Unsuitable Extinguishing Media: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is

Released Or Spilled: Wear a NIOSH/MSHA approved self-contained breathing apparatus and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves). Vacuum or sweep up material and place in disposal container. Avoid raising dust. After removal, ventilate contaminated area and flush thoroughly with water.

7. Handling and Storage

Hazard Label Information: Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Handling: Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Storing: Store at room temperature.

8. Exposure Controls/Personal Protection

Protective Equipment Summary – Hazard

Label Information: Eye wash station in work area. Lab coat. Compatible chemical-resistant gloves. Safety glasses. Safety shower in work area. Vent hood.

Respiratory Equipment (Specify Type): No data available.

Eye Protection: Safety glasses.

Protective Gloves: Compatible chemical-resistant gloves.

Other Protective Clothing: Lab coat.

Engineering Controls (Ventilation etc.): Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices: Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States	Solid	Melting Point	No data
Boiling Point	No data	Autoignition Pt	No data
Flash Pt	No data	Explosive Limits LEL	No data
Explosive Limits UEL	No data	Specific Gravity (Water = 1)	No data
Bulk density	No data	Vapor Pressure (vs. Air or mm Hg)	No data
Vapor Density (vs. Air = 1)	No data	Evaporation Rate (vs Butyl Acetate=1)	No data
Solubility in Water	No data	Percent Volatile	No data
Heat Value	No data	Particle Size	No data
Corrosion Rate	No data	pH	No data

Solubility Notes: Solubility approximately 2 mg/ml in ethanol. Solubility approximately 20 mg/ml in DMF and DMSO. Solubility approximately 0.5 mg/ml in a 1:1 solution of DMSO:PBS (pH 7.2). See product insert.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid – Instability: No data available.

Incompatibility – Materials To Avoid: No data available.

Hazardous Decomposition Or Byproducts: No data available.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid – Hazardous

Polymerization: No data available.

11. Toxicological Information

The toxicological effects of this compound have not been thoroughly studied.

Carcinogenicity/Other Information: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

Runoff from fire control or dilution water may cause pollution.

13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name: This substance is considered to be non-hazardous for transport.

Additional Transport Information: Transport in accordance with local, state, and federal regulations.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. SB 431542	301836-41-9	No	No	No	

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. SB 431542	301836-41-9	No		No	

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.

1/18/2012