

Zinpyr-1: sc-213182



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1 : Chemical Product and Company Information

Product Name: Zinpyr-1
Product Number: sc-213182
Synonyms: 9-(o-Carboxyphenyl)-2,7-dichloro-4,5-bis[bis(2-pyridylmethyl)aminomethyl]-6-hydroxy-3-xanthenone; 4',5'-Bis[[bis(2-pyridinylmethyl)amino]methyl]-2',7'-dichloro-3',6'-dihydroxy-spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one; ZP 1;
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: Composition and Information on Ingredients

<i>Ingredient</i>	<i>CAS#</i>	<i>%</i>	<i>ACGIH (TWA)</i>	<i>OSHA (PEL)</i>
Zinpyr-1	288574-78-7	100	no data	no data

Formula: C₄₆H₃₆Cl₂N₆O₅

Molecular Weight: 823.72

EINECS Number: none

Chemical Family: organic amine

SECTION 3: Hazards Identification

Emergency Overview: No particular hazard associated with this material.

Primary Routes of Exposure: Ingestion, inhalation

Eye Contact: May cause slight to mild irritation of the eyes

Skin Contact: May cause slight to mild irritation of the skin.

Inhalation: May be irritating to the nose, mucous membranes and respiratory tract.

Ingestion: No specific information is available on the physiological effects of ingestion. May cause vomiting and diarrhea.

Acute Health Effects: May be irritating to skin, eyes and respiratory tract.

Chronic Health Effects: No information available on long-term chronic effects.

NTP: No

IARC: No

OSHA: No

SECTION 4: First Aid Measures

Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5: Fire Fighting Measures

Flash Point: none

Autoignition Temperature: none

Explosion Limits: none

Extinguishing Medium: carbon dioxide, dry powder or foam

Special Fire Fighting Procedures: Fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion and Decomposition Products: If involved in a fire this material may emit toxic organic fumes.

Unusual Fire or Explosion Hazards: No unusual fire or explosion hazards.

SECTION 6: Accidental Release Measures

Spill and Leak Procedures: Small spills can be mixed with vermiculite or sodium carbonate and swept up.

SECTION 7: Handling and Storage

Handling and Storage: Store in a tightly sealed container away from heat and direct sunlight. Store at -20° C.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear protective clothing and gloves.

Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.

Respirator: If ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Form: Powder

Melting Point: no data

Boiling Point: no data

Vapor Pressure: no data

Specific Gravity: no data

Odor: none

Solubility in Water: insoluble

SECTION 10: Stability and Reactivity

Stability: air and moisture-stable solid

Hazardous Polymerization: none

Conditions to Avoid: none

Incompatibility: strong oxidizing agents

Decomposition Products: carbon dioxide, carbon monoxide, nitrogen oxides, chlorinated organics, and organic fumes.

SECTION 11: Toxicological Information

RTECS Data: No specific information available on this product.

Carcinogenic Effects: No data available

Mutagenic Effects: No data available

Teratogenic Effects: No data available

SECTION 12: Ecological Information

Ecological Information: No information available

SECTION 13: Disposal Considerations

Disposal: Dispose of according to local, state and federal regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous

Hazard Class (CFR): NA

Additional Hazard Class

(CFR): NA

Packaging Group (CFR): NA

UN ID Number (CFR): NA

Shipping Name (IATA): Non-hazardous

Hazard Class (IATA): NA

Additional Hazard Class (IATA): NA

Packaging Group (IATA): NA

UN ID Number (IATA): NA

SECTION 15: Regulatory Information

TSCA: not listed on the TSCA inventory

SARA (Title 313): not regulated by Title 313

Second Ingredient: none

Third Ingredient: none

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.

5/3/2011