

# C.I.Reactive Blue 21: sc-358089



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

---

### Section 1 – Chemical Product and Company Identification

**Product Name:** C.I.Reactive Blue 21  
**Catalog Number:** sc-358089  
**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 – Product Information

**CAS#:** 12236-86-1  
**MDL#:** Not available  
**EINECS#:** Not available

### Section 3 – Physical and Chemical Properties

<b>Physical state:</b>	Powder	<b>Odor:</b>	Not available
<b>Molecular Formula:</b>	C18H15N7OS	<b>Molecular Weight:</b>	377.43
<b>Freezing/Melting Point:</b>	Not available	<b>Boiling Point:</b>	Not available
<b>Decomposition Temperature:</b>	Not available	<b>Flash Point:</b>	Not available
<b>Autoignition Temperature:</b>	Not available	<b>Solubility:</b>	Not available
<b>Density:</b>	Not available		

### Section 4 – Hazards Identification

**Eye:** Causes eye irritation.  
**Skin:** Causes skin irritation. Harmful if absorbed through the skin.  
**Ingestion:** May cause irritation of the digestive tract. Toxic if swallowed.  
**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.

### Section 5 – First Aid Measures

**Eye:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.  
**Skin:** Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.  
**Ingestion:** Get medical aid immediately. Wash mouth out with water.  
**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

### Section 6 – Stability and Reactivity

**Chemical Stability:** Not available.  
**Materials to avoid:** Strong oxidizing agents.  
**Conditions to Avoid:** Incompatible materials.  
**Hazardous Polymerization:** Has not been reported.

## Section 7 – Handling and Storage

**Handling:** Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.

**Storage:** Store at -80° C.

## Section 8 – Personal Protection

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** 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.

## Section 9 – Fire and Explosion Hazard Data

**General Information:** As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

## Section 10 – Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

## Section 11 – Toxicological Information

**RTECS#:** Not available

**LD50/LC50:** RTECS: Not available.

**Carcinogenicity:** C.I.Reactive Blue 21 - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

## Section 12 – Environmental information

Not available

## Section 13 – Disposal Consideration

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

## Section 14 – Transport Information

**IATA:** This substance is considered to be non-hazardous for transport.

**IMO:** This substance is considered to be non-hazardous for transport.

**RID/ADR:** This substance is considered to be non-hazardous for transport.

## Section 15 – Regulatory Information

### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Indication of Danger: Irritant

Risk Phrases: R 22 Harmful if swallowed.

Safety Phrases: S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

### TSCA

CAS# 12236-86-1 is listed on the TSCA Inventory.

**Section 16 – Additional 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.*

8/17/2011