

# Material Safety Data Sheet

## According to 91/155 EC

Printing date 10/15/2012

Reviewed on 10/15/2012

### 1 Identification of the substance/preparation and of the company/undertaking

- **Product Details**
- **Trade Name:** Reflex Blue
- **Application of the substance / the preparation:** Colourant Preparation
- **Manufacturer/Supplier:**  
CHEMICAL CONSULTANTS, INC.  
1850 WILD TURKEY CIRCLE  
CORONA, CA 92880-1799 U.S.A.
- **Telephone**  
**General:** (951) 735 - 5511  
**Emergency:** INFOTRAC - 800-535-5053

### 2 Composition/information on ingredients

Name	CAS-No.	Content
Amine Modified Resin		<1%
Ethoxylated Oleyl Alcohol	9004-98-2	<1%
Surfactant	Proprietary Surfactant	0.5-2%

### 3 Hazards identification

**Expected Route of Entry:**

Inhalation: No  
Skin Contact: Yes  
Eye Contact: Yes  
Ingestion: No  
Skin Absorption: No

**Health Effects of Exposure:** May cause skin irritation. May cause eye irritation with the risk of serious eye damage. May be harmful if swallowed.

**Known Effects on Other Illnesses:** None

**Listed Carcinogen:** None Known.

### 4 First-aid measures

**Inhalation:** Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention.

**Skin Contact:** Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

**Ingestion:** If ingested, do not induce vomiting. Do not give anything to drink. Contact physician immediately.

**Eye Contact:** Flush immediately under running water for 15 minutes. If redness or irritation occurs, seek medical attention

### 5 Fire-fighting measures

**Flashpoint:** No flash point - measure made up to the boiling point.

**Ignition Temperature:** Not tested.

**Hazardous Combustion Products:** In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>) Nitrogen Oxides (NO<sub>x</sub>)

**Extinguishing Media:** Water spray jet, dry powder, carbon dioxide, alcohol-resistant foam

**Special Fire Fighting Procedure:** Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

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### 6 Accidental release measures

**Steps to be Taken in Case of Spill or Leak:** Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.

### 7 Handling and storage

**Advice on Safe Handling:** AVOID contact with skin, eyes, and clothing. Wash thoroughly after handling.  
**Further info on Storage Conditions:** Store in original container. Keep tightly sealed. Store in a cool, dry, well-ventilated area.

### 8 Exposure controls/personal protection

**Respiratory Protection:** Use NIOSHA/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.  
**Hand Protection:** Butyl Rubber, PVC or Neoprene.  
**Eye Protection:** Safety glasses or chemical splash goggles.  
**Other Protective Equipment:** Clothing suitable to prevent skin contact.

### 9 Physical and chemical properties

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Blue
<b>Odour:</b>	Not Specified
<b>pH-Value, Conc. Solution:</b>	8.9 (20 °C)
<b>Solubility In Water:</b>	Miscible
<b>Relative Density:</b>	1.1 g/cm <sup>3</sup> (20 °C)
<b>Boiling Point (°C):</b>	Approx. 212 °F (1,013 hPa)
<b>Vapour Pressure:</b>	N/A
<b>Flash Point(°C):</b>	N/A
<b>Viscosity:</b>	340 mPa.s (23 °C)

### 10 Stability and reactivity

**Thermal Decomposition:** >100 °C with dehydration  
**Chemical Stability:** Stable.

### 11 Toxicological information

**Carcinogenicity:** None reported  
**Acute Oral Toxicity:** LD50 > 2,000 mg/kg Method: 1999/45/EC  
**Skin Irritation:** Non-irritant  
**Eye Irritation:** Non-irritant

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### 12 Ecological information

**Biodegradation:** This property is substance-specific and therefore cannot be given for the preparation.

**Fish Toxicity:** N/A

**Daphnia Toxicity:** N/A

**Algae Toxicity:** N/A

**Bacteria Toxicity:** N/A

**Remarks:** Do not allow to enter soil, waterways or waste water

Classification according to the calculation procedure of the Dangerous Preparations Directive (1999/45/EC)

### 13 Disposal considerations

**Waste Disposal Information:** Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

**RCRA Hazardous Waste:** No -- Not as sold.

### 14 Transport information

**DOT:** Not restricted

**IATA:** Not restricted

**IMDG:** Not restricted

### 15 Regulatory information

**TSCA:** All components of this product are listed on the TSCA Inventory.

**SARA (section 311/312):**

**Reactive Hazard:** No

**Pressure Hazard:** No

**Fire Hazard:** No

**Immediate/Acute:** Yes

**Delayed/Chronic:** No

**SARA 313 Information:** This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.