



Health	1
Fire	1
Reactivity	0
Personal Protection	E

## Safety Data Sheet Blue Powder Dye SDS

Rev: 5-5-2015

### Section 1: Chemical Product and Company Identification

**Product Name:** Tadco Tracer F Blue

**Contact Information:**

**CAS#:** 6408-78-2, 518-47-8

**RTECS:** Not available.

**TSCA:** TSCA 8(b) inventory: No products were found.

**CI#:** Not available.

**Synonym:** Blue Powdered Food Color

**Chemical Family:** ANTHRAQUINONE

**Chemical Formula:** Proprietary Mixture

**Deep South Chemical, Inc.**

229 Millstone Rd.

Lafayette, LA 70518

US Sales: **1-800-737-3546**

1-337-837-9931

**CHEMTREC (24HR Emergency Telephone), call:**

1-800-424-9300

### Section 2: Hazards Identification

**Warning: May be harmful if swallowed**

This product has been classified as Category 5 oral toxicity

**Warning: Causes Eye Irritation**

This product has been classified as Category 2B eye irritant.

**PRIMARY ROUTE OF EXPOSURE:**

INHALATION: YES SKIN ABSORPTION: NO INGESTION: NO

SKIN CONTACT: YES EYE CONTACT: YES

**CARCINOGEN STATUS**

IARC: NO NPT: NO OSHA: NO

HMIS: 1 1 0 E

**CHRONIC EFFECTS OF OVEREXPOSURE**

Not Known

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

May be irritation to the eyes, skin, or respiratory tract.

**MEDICAL CONDITIONS AGGRAVATED**

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

### Section 3: Hazards Ingredients

Acid Blue 25 (6408-78-2) 47.4% Causes eye irritation. May be harmful if swallowed.

The exact ingredient percentages and composition of non-hazardous materials has been withheld as a trade secret.

## Section 4: First Aid Measures

### Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation

### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not available.

### Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available.

**Serious Skin Contact:** Not available

## Section 5: Fire and Explosion Data

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** Not available.

### Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

### Explosion Hazards in Presence of Various Substances:

Slightly explosive in presence of open flames and sparks. Non-explosive in presence of shocks.

### Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** As with most organic solids, fire is possible at elevated temperatures

### Special Remarks on Explosion Hazards:

Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

## Section 6: Accidental Release Measures

### Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

### Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section 7: Handling and Storage

### Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents, alkalis.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8: Exposure Controls/Personal Protection

### Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

### Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

## Section 9: Physical and Chemical Properties

**Physical state and appearance:** Solid. (Powdered solid.)

**Odor:** Odorless.

**Taste:** Not available.

**Molecular Weight:** Not available.

**Color:** Blue

**pH:** 6.0-7.0 (10 g/L @ 20 deg C)

**Boiling Point:** Not available.

**Melting Point:** Not available.

**Critical Temperature:** Not available.

**Specific Gravity:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available.

**Solubility in water:** 30 g/l at 20 deg C

## Section 10: Stability and Reactivity Data

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Excess heat, incompatible materials

**Incompatibility with various substances:** Reactive with oxidizing agents, alkalis.

**Corrosivity:** Not available.

**HAZARDOUS DECOMPOSITION PRODUCTS...** CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES

**CONDITIONS TO AVOID.....**Avoid dusting conditions and sparks/flame

**Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

**Section 11: Toxicological Information**

**Routes of Entry:** Inhalation. Ingestion.

**Toxicity to Animals:**

LD50: >2000mg/kg (rat) LC50: >200 mg/l 48 hour (Poecilia reticulata p.)

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:**

Acute Potential Health Effects: Skin: May cause skin irritation by direct contact Eyes: May cause eye irritation. Inhalation: May cause respiratory tract irritation. Ingestion: Effects not known. It may cause gastrointestinal tract irritation. It is considered a low hazard for ingestion.

**Section 12: Ecological Information**

**Ecotoxicity:** Not available.

**Bacteria Toxicity IC50:** ND

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** < 10%

**AOX Content:** 0.0%

**Section 13: Disposal Considerations****Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Section 14: Transport Information**

**DOT Hazard Classification:** Not a DOT controlled material (United States).

**FRT. CLASS PACKAGE 55**

IATA: NON-REGULATED

IMDG: NON-REGULATED

**Section 15: Other Regulatory Information**

**Federal and State Regulations:** No products were found.

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

**SARA 313:** This product is not subject to SARA Title III Section 313 reporting requirements under 40 SFR 372.

<b>SARA 312:</b>	<b>Immediate (acute) health hazard</b>	<b>Yes</b>
	<b>Delayed (chronic) health hazard</b>	<b>No</b>
	<b>Fire Hazard</b>	<b>No</b>
	<b>Sudden Release of Pressure</b>	<b>No</b>
	<b>Reactivity</b>	<b>No</b>

This product is not subject to the German Ordinance that bans certain azo dyes or the 19<sup>th</sup> Amendment of the Council Directive 76/769/EEC  
CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins.

**HMIS (U.S.A.):**

**Health Hazard: 1**

**Fire Hazard: 1**

**Reactivity: 0**

**Personal Protection: E**

**National Fire Protection Association (U.S.A.):**

**Health: 1**

**Flammability: 1**

**Reactivity: 0**

**Specific hazard:**

**Protective Equipment:**

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

### Section 16: Other Information

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:** 10/09/2005 05:34 PM

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