



TRACER DYE - BLUE SAFETY DATA SHEET

Date Issued: 06/01/2015

Section 1: Identification

GHS Product Identifier: Tracer Dye - Blue

Classification: Additive

Product Use: Industrial Use Only

Supplier

Avanti International
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Houston, TX 77058
Phone: 800.877.2570
Fax: 281.486.7300

24 HR. EMERGENCY TELEPHONE NUMBER

Chemtrec: 800.424.9300

Section 2: Hazards Identification

GHS Classification

Hazard Class

Eye irrit.

Category

2B

Eye irritation

GHS Label Elements

Hazard pictograms:

N/A

Signal Word:	Warning
Hazards Statements:	
H318	Causes serious eye irritation.
H303	May be harmful if swallowed.

Primary Route of Exposure

Inhalation: Yes

Skin Contact: Yes

Skin Absorption: No

Eye Contact: Yes

Ingestion: No

Carcinogen Status

IARC: Yes (Group 3)

NTP: No

OSHA: No

ACGIH: No

HMIS: 2 1 0 E

Chronic Effects of Overexposure

None known.

Signs and Symptoms of Overexposure

May be irritating to the eyes, skin and respiratory tract.

Medical Conditions Aggravated

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

Section 3: Composition/Information on Ingredients

Weight %	Components	CAS-No.	Classification
>50%	Acid Blue 9	2650-18-2	May be harmful if swallowed. Slight eye irritant.

The exact ingredient percentages and non-categorized composition has been withheld has a trade secret.

Section 4: First-Aid Measures

Description of First-Aid Measures

General advice:

Immediately remove all contaminated clothing.

If inhaled:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

If on skin:

Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

If in eyes:

Wash immediately with large amounts of water for 15 minutes lifting the upper and lower lids until no evidence of product remains. Get medical attention immediately. Do not wear contact lenses while handling.

If swallowed:

Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

Section 5: Fire-Fighting Measures

Flashpoint:

N/A

Extinguishing Media:

CO2 Dry Chemical Foam Water Fog

Special Firefighting Procedures/Unusual Fire or Explosion Hazards

Firefighters should be equipped with protective clothing and self-contained breathing apparatus to protect against potentially toxic and irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area and any entry. Stay upwind, out of low areas, and ventilate closed spaced before entering.

Additional Information

Avoid dusting conditions. May for explosive dust mixtures with air.

Section 6: Accidental Release Measures

In case material is released/spilled

Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures, see Section 13.

Section 7: Handling and Storage

Precautions for Safe Handling

In accord with good industrial practice. Handle with care and avoid personal contact.

Section 8: Exposure Controls/Personal Protection



Personal Protective Equipment

General Measures:

Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

Respiratory Protection:

Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

Skin and Body Protection:

Avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking. Shower thoroughly before leaving work, Keep away from food and drink.

Eye Protection:

Wear protective eye-goggles with side protection shield.

Ventilation

Use local ventilation.

Other

Wear overalls, apron or other protective clothing.

Section 9: Physical and Chemical Properties

Appearance: Blue powder

Odor: None

Odor Threshold: Not applicable

pH: 3.0 – 5.5

Freezing Point: Not applicable

Boiling Point: Not applicable

Flashpoint: Not applicable

Evaporation Rate: Not applicable

Flammability: Not applicable

Lower Explosion Limits: Not determined

Upper explosion limits: Not determined

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Bulk Density: 0.4- 0.7 g/ml

Solubility in Water: Soluble

Partition Coefficient n-octanol/water: Not determined

Auto-ignition Temperature: Not applicable

Decomposition Temperature: Not applicable

Viscosity: Not applicable

UEL: Not applicable

LEL: Not applicable

% Volatile: Value: 0.0 Unit: %

Section 10: Stability and Reactivity

Thermal Decomposition

No thermal decomposition when stored and handled correctly.

Hazardous Reactions

None expected.

Chemical Stability

Stable.

Incompatible Materials

None.

Hazardous Decomposition Products

CO₂, CO, sulfur oxides, nitrogen oxides.

Conditions to Avoid

In the case of dusty, organic products, the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flames.

Hazardous Polymerization

Will not occur.

Section 11: Toxicological Information

Animal Toxicity

Oral LD ₅₀ (ingestion) Rat	>2,000 mg/kg
Fish, LC ₅₀ (Pimephales Promelas)	>655 mg/l
Eye effects – Rabbit eye	Slight irritant
Skin effects – Rabbit	Non-irritant
Sensitization	Not expected

Section 12: Ecological Information

Biodegradability

77% (7 d)

Bacteria Toxicity Eco

Not determined

AOX

0.0%

Section 13: Disposal Considerations

Product

If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.

Uncleaned Packaging

Soiled, empty containers are to be treated the same way as the contents.

Section 14: Transport Information

DOT (Department of Transportation)

Proper Shipping Name: Non-hazardous Ink Material

Hazard Class: Not regulated

UN Number: Not applicable

Packing Group: Not applicable

Label: Not applicable

Placard: Not applicable

NMFC (National Motor Freight Carriers)

Freight Class: 55

IATA (C, P): Non-hazardous

IMDG: Non-hazardous

Section 15: Regulatory Information

US Regulations

TSCA

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

SARA 313

This product is subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312

Immediate (acute) health hazards: Yes

Delayed (chronic) health hazard: No

Fire hazard: No

Sudden release of pressure: No

Reactivity: No

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

California Prop. 65

This product does not contain components currently on the California List of Known Carcinogens and reproductive toxins.

Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of Avanti International's knowledge, information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. AVANTI INTERNATIONAL MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Avanti International assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.