



Material Safety Data Sheet

Sultan Chemists, Inc.
85 West Forest Avenue
Englewood, NJ 07631
Emergency Tel. No.
(201) 871-1232
Fax: (201) 871-0321
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FOR CHEMICAL EMERGENCY
CALL INFOTRAC
1-800-535-5053
24 Hrs. per day, 7 days per week

Hazard Rating
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant
H = Hazardous

Table with hazard ratings for Health, Flammability, Reactivity, and Personal Protection for screw cap and dropper bottle.

screw cap dropper bottle

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1. Chemical Identification

Trade Name: Sporox Test Vials
Ref #: 75195, 75196
Description: Reagent containing Screw Cap Vials and indicator for the determination of the hydrogen peroxide content of Sporox disinfectant solution.

2. Composition/Information on Ingredients

In the Screw Cap Vial:
Sulfuric Acid CAS # 7664-93-9 Percent: < 5.0
In the Dropper Bottle:
Ferrous Sulfate, Heptahydrate CAS # 7782-63-0 Percent: < 1.0
1,10-Phenanthroline CAS # 5144-89-8 Percent: < 1.5
Diethylene Glycol CAS # 111-46-6 Percent: > 97.0

3. Hazards Identification

In the Screw Cap Vial:
Corrosive: May cause burns
Acute Toxicity: Irritation
Chronic Toxicity: Irritation and sensitization dermatitis
Medical Conditions Aggravated by Exposure: May cause eye, skin, and mucous membrane irritation.

In the Dropper Bottle:
Acute Toxicity: Irritation
Chronic Toxicity: Central nervous system depressant.
Medical Conditions Aggravated by Exposure: May cause eye, skink, and mucous membrane irritation.

4. First Aid Measures

Eye and Skin Contact: Immediately flush eyes and skin with water for 15 minutes.
Ingestion: Seek medical attention.
Inhalation: Remove individual to fresh air.

5. Fire Fighting Measures

In the Screw Cap Vial:
Flash Point: N/A Autoignition Point: N/A
Flammability Limits: Upper: N/A Lower: N/A
Extinguishing Media: Dry chemical or carbon dioxide
In the Dropper Bottle:
Flash Point: 290C (closed cup) Autoignition Point: N/A
Flammability Limits: Upper: 10.8% Lower: 1.6%
Extinguishing Media: Dry chemical, water spray, or carbon dioxide, or foam

6. Accidental Release Measures

Take up with absorbent material. Place in small containers for disposal.

7. Handling and Storage

Product should be stored at room temperature; however, temperatures up to 120 F or even below freezing will not normally affect reagent performance.
If this product is used as directed, the user will not come in contact with or be exposed to any of its chemical components. Wash thoroughly after handling. Avoid contact with eyes.

8. Exposure Controls/Personal Protection

OSHA & ACGIH Threshold Limit Value: 1 mg/m³ Sulfuric Acid

Protective Equipment: Safety glasses.

9. Physical and Chemical Properties

In the Screw Cap Vial:
State: Liquid Appearance: Yellow to light orange
Odor: None Solubility in Water: Miscible
pH: < 0.5 Boiling Point: 109 C
Melting Point: 0 C Vapor Pressure: N/A
Specific Gravity: 1.04 Vapor Density: N/A

In the Dropper Bottle:
State: Liquid Appearance: Red
Odor: None Solubility in Water: Miscible
pH: 7.55 Boiling Point: 473 C
Melting Point: -10 C Vapor Pressure: Low
Specific Gravity: 1.12 Vapor Density: 3.66

10. Stability and Reactivity

In the Screw Cap Vial:
Hazardous Decomposition Products: None

In the Dropper Bottle:
Hazardous Decomposition Products: Emits toxic oxides of carbon under fire conditions.

11. Toxicological Information:

Carcinogenic Status: None
No other data available at this time.

12. Ecological Information

Harmful to aquatic organisms.
No other data available at this time.

13. Disposal Considerations:

Dispose of in a manner consistent with Federal, State, and Local Regulations.

14. Transit Information

U.S. DOT: 49 CFR, 173.4 Exceptions for Small Quantities
IATA: Dangerous Goods in Excepted Quantities
Hazard Class: 8 ID: UN 1830 Group: II

## **15. Regulatory Information**

### European Information:

EU Symbols: C – Corrosive

### Risk Phrases:

Causes severe burns

Harmful to aquatic organisms

Irritating to eyes, respiratory system, and skin

### Safety Phrases:

In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

After contact with skin, wash immediately with plenty of water.

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

### Canada Information:

WHMIS Classification: E, D1B, D2B

All chemical components of this product are listed on Canada's DSL list.

### U.S. Information:

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

## **16. Other Information:**

The above information is believed to be accurate and represents the best information currently available to us. All products are offered in accordance with the manufacturer's current production specifications and are intended solely for use in analytical testing. The manufacturer shall in no event be liable for any injury, loss, or damage resulting from the handling, use or misuse of these products.