# **Material Safety Data Sheet**

Sultan Chemists, Inc. 85 West Forest Avenue, Englewood, NJ 07631 Phone: 201-871-1232 • Toll Free: 800-637-8582 Fax: 201-871-0321 • http://www.sultanchemists.com EU Auth. Rep. (MDD 93/42/EEC) MDSS GmbH • Burckhardstraße 1, Hannover • 30163, Germany

**Hazard Rating** 

4 = Extreme

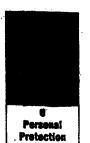
3 = High

2 = Moderate

1 = Slight

0 = Insignificant

H = Hazardous



# FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week

1. Chemical Identification

Trade Name: Sporox Test Vial

Description: Screw capped vials of test reagent for the determination of the hydrogen peroxide content of Sporox solution.

2. Composition/Information on Ingredients Sulfuric Acid CAS # 7664-93-9 Percent: < 5.0

Hazards Identification

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. May cause dermatitis and conjunctivitis.

4. First Aid Measures

Eve 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

Flash Point: N/A Autoignition Point: N/A Flammability Limits: Upper: N/A Lower: N/A Extinguishing Media: Dry chemical or carbon dioxide

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, tempera-tures 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 & ACCIH Threshold Limit Value: 1 mg/m3 Sulfuric Acid Protective Equipment: Safety glasses.

9. Physical and Chemical Properties

State: Liquid

Appearance: Yellow to light orange

Solubility in Water: Miscible pH: < 0.5 Odor: None Boiling Point: 109 C Melting Point: 0 C Vapor Pressure: N/A

Specific Gravity: 1.04 Vapor Density: N/A

10. Stability and Reactivity

Hazardous Decomposition Products: None

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 1760 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

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.

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# FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week

### 1. Chemical Identification

Trade Name: Sporox Indicator Solution

Description: Indicator solution for the determination of the

hydrogen peroxide content of Sporox solution.

### 2. Composition/Information on Ingredients

Ferrous Sulfate, Heptahydrate CAS # 7782-63- 8 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

Acute Toxicity: Irritation

Chronic Toxicity: Central nervous system depressant.

Medical Conditions Aggravated by Exposure: May cause eye,

skin, 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

Flash Point: 290C (closed cup)

Autoignition Point: N/A

Flammability Limits: Upper: 10.8% Lower: 1.6%

Extinguishing Media: Dry chemical, water spray, 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, tempera-tures 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

Protective Equipment: Safety glasses.

## 9. Physical and Chemical Properties

State: Liquid Appearance: Red Odor: None

Solubility in Water: Miscible pH: 7.55

Boiling Point: 244 C Melting Point: -10 C

Vapor Pressure: Low Specific Gravity: 1.12

Vapor Density: 3.66

### 10. Stability and Reactivity

Hazardous Decomposition Products: Emits toxic oxides of carbon under fire conditions, carbon monoxide and carbon dioxide.

### 11. Toxicological Information:

Carcinogenic Status: None

No other data available at this time.

### 12. Ecological Information

Data not available at this time.

### 13. Disposal Considerations:

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

### 14. Transit Information

Not regulated

### 15. Regulatory Information

European Information:

S 24/25

Avoid contact with skin and eyes.

### 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.