

Material Safety Data Sheet

Sultan

Sultan Chemists, Inc.

85 West Forest Avenue, Englewood, NJ 07631
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EU Auth. Rep. (MDD 93/42/EEC)
MOSS GmbH • Burckhardstraße 1, Hannover • 30163, Germany

Hazard Rating

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

Personal Protection

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
- 3. 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**
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: 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, 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**
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
- 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 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.

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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, 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

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.