



Sultan Chemists, Inc.
85 West Forest Avenue
Englewood, NJ 07631
Emergency Tel. No.
(201) 871-1232
Fax: (201) 871-0321
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Material Safety Data Sheet

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

3 Health
0 Flammability
0 Reactivity
1 Personal Protection

1. Chemical Identification

Common Name: Sporox II Sterilizing & Disinfecting Solution
Ref #: 75156 (1 gal)

2. Composition/Information on Ingredients

Hydrogen Peroxide CAS # 7722-84-1 Percent: 7.5 %
Phosphoric Acid CAS # 7664-38-2 Percent: 0.85 %

3. Hazards Identification

Acute Toxicity: Corrosive to eyes. Due to corrosive nature, may be harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Use safety glasses and gloves.

4. First Aid Measures

Eye Contact: Immediately flush eyes thoroughly with water, remove any contact lenses and continue to flush eyes with plenty of water for at least 15 minutes. Call a physician immediately.

Skin Contact: Wash with soap and water. Get medical attention if irritation persists.

Inhalation: None required.

Ingestion: Do not induce vomiting. If victim can swallow, give one glass of water to drink and call a poison control center or doctor IMMEDIATELY.

5. Fire Fighting Measures

Flash Point and Method: Closed cup, higher than 93.3 C (>200 F)
Extinguishing Media: Use water spray to cool fire-exposed containers. Contains Hydrogen Peroxide, an oxidizer.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.
Products of combustion: Thermal decomposition products may include oxygen, carbon dioxides and nitrogen oxides.

6. Accidental Release Measures

Small spills may be flushed to sewer with large quantities of water if acceptable to local sewerage authority. Large spills should be contained, collected and evaluated for disposal according to local, state and federal hazardous waste regulations.

7. Handling and Storage

Spills should be wiped up immediately. Contact with surfaces such as countertops, floors, etc. should be avoided. Store containers in an upright position in a cool, dry place.

8. Exposure Controls/Personal Protection

Exposure Limit Method:

Respiratory Protection: None required

Eye Protection: Do not get in eyes. Wear face shield or goggles.

Exhaust Required: None required

Skin Protection: Do not get on skin or clothing. Wear protective clothing.

9. Physical and Chemical Properties

Appearance: Clear, water-thin liquid

Odor: Peroxide

Solubility in Water: Complete

pH (@ 25 C): 1.8

Boiling Point (° C): N/A

Vapor Pressure (mm Hg @ C): N/A

Specific Gravity (H₂O = 1): 1.03

10. Stability and Reactivity

Stability: Stable

Conditions of Instability: High temperatures

Incompatibility / Avoid Contact with: Heavy metals, organic materials, reducing agents, alkali nickel/silver alloys and solder 70/30 may cause the concentration of hydrogen peroxide to decrease rapidly. May not be compatible with aluminum, solder 70/30, metallic carbide, nickel plated steel, carbon steel and nickel silver alloy.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Oxygen, which will support combustion, may be released during thermal decomposition.

11. Toxicological Information:

No data available.

12. Ecological Information

No data available.

13. Disposal Considerations:

Dispose of in accordance with local, state and federal regulations. Do not reuse empty container. Rinse empty container thoroughly with water. Discard in trash.

14. Transit Information

Not DOT regulated

15. Regulatory Information

SARA Title III, Section 313 Toxic Chemical Notification and Release Reporting: None

WHMIS (Canada) Class C: Oxidizing material

WHMIS (Canada) Class E: Corrosive liquid

16. Other Information:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. General properties are to be regarded as guidelines and are not guaranteed for all samples.