

# Material Safety Data Sheet



Sultan Healthcare

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EU Auth. Rep. (MDD 93/42/EEC)

MDSS GmbH • Schiffgraben 41 • D-30175 Hannover, Germany

**FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week**  
**Outside the United States call collect 1-352-323-3500**

**Date Reviewed: May 19, 2008**

Q-Form 10-111, Rev. D

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## 1. Chemical Identification

Common Name: Prosonic Tartar & Stain Remover

Ref #: 21352 / 1 gal.

Chemical Name: Organic Acid Solution

## 2. Composition/Information on Ingredients

Product Citric Acid CAS# 77-92-9 Percent: <10%

Contains No Other Hazardous Ingredients

## 3. Hazards Identification

Effect of Overexposure: Contact with skin or eyes: May cause skin irritation. Upon eye contact causes severe eye irritation. Upon ingestion, may cause mucous membrane irritation; may cause allergic reaction, may cause headaches, nausea

## 4. First Aid Measures

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes

**Skin Contact:** Immediately flush eyes with plenty of water for at least 15 minutes

**Inhalation:** Remove to fresh air. If not breathing give artificial respiration.

**Ingestion:** Do not induce vomiting. If conscious, give large quantity of milk. If symptoms persist, get medical attention

**Primary route(s) of entry:** Skin

## 5. Fire Fighting Measures

Flash Point and Method: Not combustible

Extinguishing Media: Water, carbon dioxide, dry chemical foam

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: No explosion hazards

## 6. Accidental Release Measures

Dike and cover spill with an absorbent clay or sand. Small spills can be carefully neutralized with Sodium Bicarbonate of lime. Wear protective clothing, boots, goggles including acid-resistant suit.

## 7. Handling and Storage

Keep in tightly sealed containers. Avoid excessive heat.

Other Precautions: Eye wash and safety shower should be nearby

## 8. Exposure Controls/Personal Protection

Threshold Limit Value: Not Available

Respiratory Protection: Wear a NIOSH – approved respirator appropriate for the vapor or mist concentration at the point of use.

Eye Protection: Chemical resistant gloves

Exhaust Required: Recommended. Use only with adequate ventilation

Protective Gloves: Chemical resistant gloves

Special Protective Clothing: Impervious protective clothing/boots.

## 9. Physical and Chemical Properties

Appearance: Clear liquid

Odor: No apparent odor

Solubility in Water: Miscible

pH (as-is): 1.50

Boiling Point (°C): No data available

Melting Point: NA

Evaporation Rate (Butyl acetate = 1): NA

Vapor Pressure (mm Hg @ °C): No data available

Specific Gravity: 1.027/25°

Vapor Density (Air = 1): NA

Water Reactivity: NA

## 10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

Conditions to Avoid: Avoid excessive heat

## 11. Toxicological Information:

Citric Acid - LD 50 Oral 3 gm/kg

## 12. Ecological Information

NA

## 13. Disposal Considerations:

All local, state and federal regulations concerning health and pollution should be reviewed to determine approved disposal procedure.

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**14. Transit Information**

Not DOT, IMDG, IATA regulated

**15. Regulatory Information**

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

**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 there of. 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.