

# Material Safety Data Sheet



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**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**

Q-Form 10-111, Rev. D

*Date Reviewed: May 19, 2008*

## 1. Chemical Identification

Common Name: Tartar & Stain Remover Tablets

Ref #: XX-21505

## 2. Composition/Information on Ingredients

Boric Acid	CAS # 10043-35-3
Citric Acid	CAS # 77-92-9
Sodium Perborate, Monohydrate	CAS # 10332-33-9
Polyethylene Glycol Cocamide	CAS # 61791-08-0

## 3. Hazards Identification

**Eye contact:** Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, with marked excess redness and swelling of the conjunctiva. Also causes eye burns.

**Skin Contact:** Brief contact may cause slight irritation with itching and local redness. Prolonged contact may cause more severe irritation, with discomfort or pain, local redness and swelling, and possible tissue destruction.

**Inhalation:** High concentrations of vapor cause irritations of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing. Headache, nausea, vomiting, dizziness, and drowsiness may occur.

**Ingestion:** Very dangerous in case of ingestion. May cause headache, dizziness, in-coordination, nausea, vomiting, diarrhea and general weakness.

## 4. First Aid Measures

**Eye Contact:** IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.

**Skin Contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reusing.

**Inhalation:** Remove to fresh air.

**Ingestion:** Remove dentures if any. Have conscious person drink several glasses of water or milk. DO NOT INDUCE vomiting. Lower the head so that the vomit will not reenter the mouth and throat. NEVER give an unconscious person anything to ingest. Seek medical attention.

## 5. Fire Fighting Measures

Extinguishing Media: Use carbon dioxide or dry chemical media for small fires.

Special Fire Fighting Procedures: Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.

Unusual Fire and Explosion Hazards: This material may produce a floating fire hazard in extreme fire conditions.

## 6. Accidental Release Measures

Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to suitable containers for recovery or disposal. To avoid gelling or foaming problems do not use water to flush away spills. Avoid discharge into natural waters.

## 7. Handling and Storage

Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. DO NOT ingest. Do not breathe gas, fumes, vapor, or spray. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents. Keep in a cool well ventilated place. Keep container tightly closed.

## 8. Exposure Controls/Personal Protection

Respiratory Protection: General (mechanical) room ventilation is expected to be satisfactory

Protective Gloves: PVC-coated

Eye Protection: Monogoggles

Other Protective Clothing or equipment: Eye bath, safety shower, chemical apron.

## 9. Physical and Chemical Properties

Solubility in Water: Soluble

Appearance and Odor: White tablet with mint fragrance

pH (1 % solution): 8.0 – 9.9

## 10. Stability and Reactivity

Stability: Stable

Hazardous Decomposition Products: Will not occur

Conditions to Avoid: None

Incompatibility: Strong oxidizing agents, flammables

## 11. Toxicological Information

No data available.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.

## 14. Transit Information

Not DOT regulated

## 15. Regulatory Information

Sodium Perborate, monohydrate

ACGIH TLV: 10 mg/m<sup>3</sup> (total)

OSHA PEL: 15 mmg/m<sup>3</sup> (total)

## 16. Other Information

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