

**1. Product Identification**

Trade Name:	Chlor-Away
Name:	Sulfurous Acid, Disodium Salt
CAS No:	7757-83-7
Formula:	Na <sub>2</sub> SO <sub>3</sub>
DOT Shipping Name:	Not Applicable
Reportable Quantity:	Not Applicable
DOT Hazard Class:	Non-Hazardous
I.D. Number:	Not Applicable

**2. Physical Data**

Boiling Point @760 mm Gh	Decomposes @ 600° C
Freezing/Melting Point:	Decomposes @ 600° C
Vapor Pressure:	Not Applicable
Vapor Density (Air=1)	Not Applicable
Solubility (Wght % in Water):	22 @ 80° C
Evaporation Rate:	Not Applicable
Bulk Density:	2.1 gr/cc
Molecular Weight:	126.06
Volume % Volatile:	Not Applicable
Appearance:	Green Tablets

**3. Hazardous Identification**

None

**4. Fire Fighting Measures**

Flash Point:	Not Applicable
Flammable Limits in Air:	Not Applicable
Extinguishing Media:	No special requirements

Use alcohol-type foam, CO<sub>2</sub>, waterfog  
 Fire Fighters must wear NIOSH, MSHA approved pressure demand self-contained breathing apparatus with full face-piece for possible exposure to sulfur dioxide gas.

At 1112° F (600° C) Sodium Sulfide is formed. At 1652° F (900° C) Sulfur Dioxide is formed.

**5. Health and Hazard Data**

Toxicity Data:

Inhalation:	No specific information
Dermal:	No specific information may cause severe skin injury.
Skin/Eye Irritation:	No specific information may cause severe eye injury.
Swallowing:	No specific information
Chronic Effects of Exposure:	No specific information
Other Health Hazards:	Contact with strong acids may generate Sulfur Dioxide in quantities which without adequate ventilation may be hazardous. Sensitive persons may experience respiratory allergic reaction.

**6. Emergency First Aid Procedures**

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.
Eye and Skin Contact:	Flush with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. For eye contact, get immediate medical attention. If skin irritation occurs, get medical attention.
Swallowing:	Drink water to induce vomiting get medical attention.

**7. Reactivity Data**

Stability:	Stable
Conditions to Avoid:	Moisture and high humidity
Incompatibility:	Oxidizing agents and acids.
Hazardous Decomposition:	Sulfur Dioxide

**8. Spill/Leak Procedures**

Contain all spilled material. Do not flush to surface water. Collect dry materials in suitable containers. Uncontrolled spills exceeding 100 lbs may be reported to National Response Center 800-424-8802.

Waste Disposal Method

If collected material can be dissolved it may be discharged to an industrial waste water collection system. Consult local, state, or federal regulatory agencies before disposing of any material.

**9. Special Protection Information**

Respiratory Protection – If dusty conditions are encountered, use NIOSH/MSHA approved respirator with acid gas cartridge and dust prefilter. The respirator use limitations specified by NIOSH/MSHA or the manufacturer must be observed. Respiratory protection programs must be in accordance with 29 CFR 1910.134.

Ventilation:	Exhaust fans to provide localized ventilation.
Eye Protection:	Chemical Safety Goggles
Gloves:	Natural or synthetic rubber
Other Equipment:	Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Personnel protective clothing and use of equipment must be in accordance with 29 CFR 1910.133 and 29 CFR 1910.132.
Special Equip:	Safety showers and eyewash fountains.

**10. Special Precautions During Handling and Storing:**

Do not get into eyes, on skin, or on clothing.  
 Persons suffering from asthma or other respiratory problems should avoid contact or exposure.  
 Keep in original container in a cool dry place.  
 Keep container closed when not in use.

**For Emergency Assistance Contact Chemtrec – 800-424-9300**

Store away from acids or oxidizing agents.  
Keep away from heat sources, sparks, open flames, and lighted tobacco products.  
Do not add this product to any dispensing device containing reaction leading to fire or explosion.  
Use only approved gloves when removing tablets from container.  
Add tablets to water only.  
May cause fire or explosion if mixed with other chemicals.  
Wash hands after handling.  
Do not reuse container. Thoroughly flush container with water and then destroy by placing in trash collection. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate food or feed by storage or disposal.

#### Other Precautions

Keep out of reach of children.

#### Comments:

Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, FIFRA, as well as any other Federal state, or local laws/regulations regarding disposal.