

MATERIAL SAFETY DATA SHEET

SECTION I IDENTIFICATION

Product Name: D-Clor, Spill Magic

Chemical Name: Sodium Sulfite

C.A.S. Registry #: 7757-83-7

Chemical Family: Sodium Salt

Formula: Na_2SO_3

DOT Proper Shipping Name: Not Regulated

DOT Hazard Class: Not Regulated

DOT Identification #: Not Regulated

Distributor: Sentry Industries 5687 NW 36th Ave. Miami Fl. 33142

Telephone: (800) 227-2047 (305) 638-0800 (954) 527-4000

SECTION II INGREDIENTS & HAZARDS

Ingredient (s):

Sodium Sulfite	(Na_2SO_3)	97.0- 100.0% wt
Sodium Sulfate	(Na_2SO_4)	0 - 3.0% wt

Hazardous Mixtures of other Liquids, Solids or Gas: White granular crystals or powder. Will cause vigorous exothermic reactions with oxidizers. Releases sulfur dioxide gas when reacted with acids.

SECTION III PHYSICAL DATA

Physical State:	Solid
Spec Gravity:	2.63 gm/ml at 20°C
Boiling Point:	Solid Undetermined
Freezing Point:	Solid Undetermined
pH:	1% solution = Approx. 9.8
Vapor Pressure (mm Hg):	NA
Vapor Density:	N/A
Solubility in Water	17% solution at 10°C
Appearance and Odor:	White granular crystals or powder, odorless.

SECTION IV FIRE AND EXPLOSION HAZARD

Flash Point: None Non-flammable

Flammable Limits: Non-flammable

National Fire Rating System (NFPA): NA

Hazard Material Identification System (HMIS): NA

Extinguishing Media:

Special Fire Fighting Procedures: Evacuate area of unprotected personnel. Use a water spray to keep container cool and to knock down fumes.

Unusual Fire & Explosion Hazards: Non-combustible.

Additional Information: Wear positive pressure, self-contained breathing apparatus and full protective equipment. Evacuate area of unprotected personnel. Isolate the hazard area and deny unnecessary entry.

SECTION V HEALTH HAZARD DATA

Threshold Limit Value: OSHA PEL & ACGIH TLV undetermined.

Toxic Limits: - Ingestion: 277mg (heptahydrate)/kg

Aquatic: 2600 ppm/24, 48, 96 hr mosquito

Effects of Overexposure:

Eye Contact: Dust or mist may irritate or burn eyes. Solutions will irritate or burn.

Skin Contact: Dust or mist may cause skin irritation from prolonged contact. Solutions will irritate

Inhalation: Inhalation of product dust or mist may irritate respiratory tract

Ingestion: May irritate gastrointestinal tract. Large doses may cause violent colic and diarrhea, circulatory disturbances, central nervous system depression, and even death. Emergency and First Aid Procedures:

Eye Contact: Irrigate with water for at least 15 minutes, including under eyelids. Get medical attention.

Skin Contact: Remove contaminated clothing. Flush affected area with large amounts of soap and water.

Inhalation: Remove to fresh air. If symptoms persist,

Ingestion: If conscious. Immediately give 2 to 4 glasses of water or milk and induce vomiting, obtain medical help.

SECTION VI REACTIVITY DATA

Stability: Stable.

Incompatibility (Materials to Avoid): Strong oxidizers cause vigorous exothermic reactions. acids release sulfur dioxide gas.

Hazardous Decomposition Products: Sulfur Dioxide gas, toxic, corrosive and an oxidizer.

Sodium sulfide residue, flammable, dangerous fire risk, strong irritant to skin and tissue.

Incompatible with acids.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: High temperatures (before melting) yield sulfur dioxide gas and hazardous residue.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken if material is Released or Spilled: Sweep or shovel up and place into container. Wash area with large amounts of water. Dissolve in water using caution as solution can get hot. Neutralize using acid and flush to sewer with plenty of water, if permitted by applicable disposal regulations. Good ventilation is required during neutralization due to the release of sulfur dioxide gas. Oxidation to sodium sulfate solution may be required, as for example, by adding a slight excess of dilute hydrogen peroxide carefully and with stirring. Neutralized waste may have to be disposed of by an approved contractor.

Waste Disposal Methods: Dispose in accordance with Federal, State, and local regulations. Chemical additions or otherwise altering the material may make the MSDS incomplete or inappropriate. Waste characterization and disposal compliance is the responsibility of the party generating and disposing of the waste.

Additional Information: Not an EPA hazardous substance. Plan in advance for such an incident and have the necessary equipment available.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respirator Protection: If dusty or misty conditions prevails, use dust or mist respirators approved by NIOSH. If sulfur dioxide gas is released, use a respirator approved by NIOSH for this gas.

Ventilation: Local exhaust ventilation - personnel should not be exposed to irritating effects of the dust.

Eye Protection: If exposed to dust or mist or solution, wear chemical goggles. Do not wear contact lenses. Eyes must be protected if dissolving material in water. Eye wash stations should be located in immediate area.

Other Protective Equipment: Wear full work clothing, including long sleeved shirt and trousers for routine product-handling use. Cotton gloves are usually adequate for dry product. For solutions, wear impervious gloves and apron. If contact is repeated or prolonged, wear full impervious clothing.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storage: Store in closed containers. Store in a cool dry area away from acids or oxidizers. Protect from physical damage. Utilize local exhaust if there is a dusty or misty conditions exist. Use exhaust if there is a release of sulfur dioxide gas.

The data in this Material Data Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as a warranty or representation for which Sentry Industries assume legal responsibility. This information is provided solely for your consideration, investigation, and verification.

For additional information, contact our technical service department.