

# SAFETY DATA SHEET

## CHLOR-AWAY® DECHLORINATION TABLETS

EMERGENCY TELEPHONE: (216) 538-8805

**NOTE: THIS PRODUCT IS NOT RATED A HAZARDOUS MATERIAL BY THE U.S. DEPARTMENT OF TRANSPORTATION OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY. THE FOLLOWING DATA IS FOR INFORMATIONAL PURPOSES ONLY.**

### I. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	Chlor-Away®
CHEMICAL	Sodium Sulfite Tablets
CHEMICAL ABSTRACT SYSTEM NO.	CAS #7757-83-7
CHEMICAL DESCRIPTION	Reducer
FORMULA	Na <sub>2</sub> SO <sub>3</sub>
SUPPLIER	Jet, Inc. 750 Alpha Dr. Cleveland, OH 44143 USA (216) 538-8805 (800) 321-6960
EMERGENCY TELEPHONE NUMBER	
TECHNICAL PHONE NUMBER	

### II. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW	May cause irritation to eyes, skin and respiratory system upon contact. Ingestion may irritate gastrointestinal tract. Large doses may cause violent colic and diarrhea. Wash hands thoroughly after handling. REDUCING AGENT: Stable under normal conditions. Contact with strong oxidizers can cause vigorous exothermic reactions. Contact with acids release sulfur dioxide gas. Non-flammable, but will decompose to dioxide gas in a fire. Use self-contained breathing apparatus when sulfur dioxide gas is present. Do not add this product to any dispensing device containing remnants of any other product. Do not allow this product to come into contact with chlorine tablet, granules or pellets.
POTENTIAL ACUTE HEALTH EFFECTS	
INHALATION	Inhalation of dust may irritate respiratory tract.
ORAL INGESTION	Ingestion may irritate gastrointestinal tract. May cause severe allergic reactions in some asthmatics and sulfite sensitive individuals. Large doses may cause violent colic, diarrhea, circulatory disturbances, central nervous system depression and even death.
SKIN/DERMAL	Dust may cause skin irritation from prolonged contact. Solutions will irritate skin.
EYES	Dust may irritate or burns eyes. Solutions will irritate or burn eyes.
OVER EXPOSURE SIGNS/SYMPOMS	
INHALATION	Potential adverse symptoms include: respiratory tract irritation
ORAL INGESTION	Potential adverse symptoms include: gastrointestinal tract irritation toxic in large doses
SKIN/DERMAL	Potential adverse symptoms include: pain or irritation
EYES	Potential adverse symptoms include: pain or irritation

(NOTE: Pre-existing medical conditions and disorders involving any target organs mentioned in this SDS as being at risk may be aggravated by overexposure to this product.)

### III. INGREDIENTS INFORMATION

SODIUM SULFITE	85%
INERT INGREDIENTS	15%

(NOTE: There are no additional ingredients present to the current knowledge of the supplier and the concentrations applicable that are classified as hazardous to health or the environment and therefore require no additional reporting in this section.)

### IV. FIRST AID PROCEDURES

INHALATION	Remove to fresh air. If not breathing, resuscitate and administer oxygen if readily available. Seek medical attention immediately.
EYE CONTACT	Immediately flush with large amounts of water for fifteen (15) minutes, rinsing eye thoroughly. Get medical attention.
SKIN CONTACT	Wash with plenty of soap and water for fifteen (15) minutes. Remove contaminated clothing. If skin irritation occurs, get medical attention. Wash clothing before reuse.
INGESTION	<u>If conscious</u> , drink large quantities of water or milk and induce vomiting. Call a physician immediately. Avoid alcohol. <u>If unconscious</u> , or in convulsions, seek medical attention immediately. Do not give anything by mouth to an unconscious person.

### V. FIRE FIGHTING MEASURES

FLASH POINT	Not applicable
FLAMMABLE LIMITS IN AIR	Not applicable
EXTINGUISHING MEDIA	Use extinguishing media appropriate for burning material. Compatible with water fog, spray foam or CO <sub>2</sub> .
SPECIAL FIRE FIGHTING PROCEDURES	NIOSH/MSHA-Approved, positive pressure, self-contained breathing apparatus with full face piece.
UNUSUAL FIRE & EXPLOSION HAZARD	At 600° C, sodium sulfide is formed. At 900° C, sulfur dioxide is formed. Inert ingredients could support combustion by burning, yielding carbon dioxide and water. Use self-contained breathing apparatus for firefighting.

### VI. ACCIDENTAL SPILL MEASURES

PERSONAL PRECAUTIONS	Wear appropriate personal protective equipment if required. Provide ventilation to clear sulphur dioxide fumes that may form.
ENVIRONMENTAL PRECAUTIONS	Do not flush into surface waters.
LARGE SPILL	Spills exceeding 100 pounds should be reported to the local authorities.
SMALL SPILL	1. Contain all spilled material, wearing appropriate protective equipment. 2. Place spilled material in clean, dry containers for disposal. Do not flush to surface water.
WASTE DISPOSAL METHOD	
Not rated a hazardous substance by USEPA. Collected material can be dissolved in water, exercising caution. Dissolved material may be discharged into an appropriate industrial waste collection system but consult local, state and federal regulating agencies before disposing of any material.	

### VII. HANDLING AND STORAGE

HANDLING	Use proper equipment for lifting and transporting all containers. Use sensible industrial housekeeping and hygiene practices. Wash hands thoroughly after handling. Avoid all situations that could lead to harmful exposure.
STORAGE	Keep product dry and in a tightly closed container when not in use. Store in container where temperatures do not exceed 125°F.

### VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS

#### RECOMMENDED MONITORING PROCEDURES ENGINEERING MEASURES HYGIENE MEASURES

Per OSHA, no permissible exposure limits have been established.

Not applicable

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation locations.

#### PERSONAL PROTECTION

##### EYES HANDS GLOVES RESPIRATORY

Goggles and/or face shield for chemical splashes.

Gloves should be worn to protect the skin.

Natural or synthetic rubber materials.

Respiratory protection is not required under normal use. When necessary, use NIOSH/MSHA approved respirator following manufacturer's recommendations.

##### SKIN

Boots, aprons or chemical suits as required, to prevent skin contact.

#### ENVIRONMENTAL EXPOSURE CONTROLS

Not applicable

### IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid	DENSITY (lbs/gal)	125 lbs./cu.ft. <sup>3</sup>
FLASH POINT	Not applicable	VAPOR PRESSURE	Not applicable
DECOMPOSITION TEMPERATURE	900° C	VAPOR DENSITY	Not applicable
MATERIAL SUPPORTS COMBUSTION	Not applicable	VOLATILITY	Not applicable
COLOR	Blue-Green tablet	EVAPORATION RATE	Not applicable
ODOR	Mild odor	VISCOSITY	Not applicable
pH	Alkaline	SOLUBILITY	Not applicable
BOILING/CONDENSATION POINT	Decomposes at 900° C	WATER SOLUBILITY AT ROOM TEMPERATURE	28% at 80° C
MELTING FREEZING POINT	Not Applicable	PARTITION COEFFICIENT NOCTANOL/WATER	Not available
SPECIFIC GRAVITY	2.63 (H <sub>2</sub> O = 1)	% SOLID (W/W)	100

### X. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions.
CONDITIONS TO AVOID	Avoid moisture and high humidity. High temperatures yield sulfur dioxide gas and sodium sulfite residue.
MATERIALS TO AVOID	Strong oxidizers cause vigorous exothermic reactions. Acids release sulfur dioxide gas.
HAZARDOUS DECOMPOSITION PRODUCTS	Sulfur dioxide gas (SO <sub>2</sub> ) is toxic, corrosive and an oxidizer. Sodium sulfite residue (Na <sub>2</sub> S) is flammable and a strong irritant to skin and eyes.
POSSIBILITY OF HAZARDOUS REACTIONS	Do not mix with oxidizing agents or acids as fire or explosion can occur.

### XI. TOXICOLOGY INFORMATION

PERMISSIBLE	No permissible exposure limits have been established by OSHA.
ACUTE	
INHALATION	Inhalation of product dust or solution may cause respiratory tract irritation.
EYE/SKIN	Dust or solution may cause skin irritation or burn eyes upon contact.
INGESTION	Ingestion may irritate gastrointestinal tract. Toxic if swallowed in large doses.
CHRONIC	There are no known effects from chronic exposure.

### XII. ECOLOGICAL INFORMATION

ECOLOGICAL TOXICITY VALUES	
GOLDFISH	Nominal, static – 96 h LC50 100 mg/L
FISHES	Nominal, static – 24, 48 and 96 h TLm
MOSQUITO FISH	2,600 ppm
ENVIRONMENTAL EFFECTS	Not applicable
BIODEGRADABILITY	Not applicable

### XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Not rated a hazardous substance by USEPA. Collected materials can be dissolved in water with caution. Dissolved material can be discharged into an appropriate industrial waste collection system, but you should still consult with local, state and federal regulatory agencies before disposing of any material.
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### XIV. TRANSPORTATION INFORMATION

IDENTIFICATION NUMBER	Not applicable	I.M.O DESCRIPTION	Reducer
PACKING GROUP	Not applicable	U.S. DOT SHIPPING NAME	Non-Hazardous Tablets
REPORTABLE QUANTITY	45 lb.	U.S. DOT HAZARD CLASS	NM503401
HMS/NFPA RATING	Not applicable		Non-Hazardous

### XV. REGULATORY INFORMATION

UNITED STATES INVENTORY (TSCA 8b)	Yes	SARA (311, 312) HAZARD CLASS	Yes, acute and chronic health hazard
EINECS	231-821-4	SARA (313) CHEMICALS	Not listed
CANADA INVENTORY (NSN)	DSL	SARA EXTREMELY HAZARDOUS SUBSTANCE	Not listed
CERCLA HAZARDOUS SUBSTANCE	No	SARA TITLE III	Not listed
CHINA INVENTORY (IECSC)	Inventory of existing chemical substance or otherwise exempt	CANADA REGULATIONS (WHIMIS)	Class D2B – Material causing other toxic effects

### XVI. OTHER INFORMATION

PREPARED ON November 24, 2015

This Safety Data Sheet is provided solely for the purpose of providing information. The information contained within is based on present scientific and technical data and knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the product and its potential and intended uses and contains recommended precautionary measures for the storage and handling of the product and its potential byproducts. Jet, Inc. provides no representations or warranties about the product or its intended uses, and assumes no responsibility for the accuracy or completeness of the data contained herein. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of this product.