

# HarChem

H<sub>2</sub>O

## Water Services

PO Box 310, Muldrow, OK 74948

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### SAFETY DATA SHEET

## HB-809

#### SECTION 1: IDENTIFICATION

##### MANUFACTURER/DISTRIBUTOR

HarChem Water Services

P.O. Box 310

Muldrow, OK 74948

##### Emergency Telephone Number:

479-434-0618      24 hours everyday

918-427-0777

Chemtec 1-(800)-262-8200

RECOMMENDED USES: Boiler Chemical

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#### SECTION 2: HAZARD IDENTIFICATION

Classification of the chemical

##### PICTOGRAM REPRESENTATION



Hazard Statements: This product can cause irritation to the skin and eyes.

<u>Ingredient (s)</u>	<u>CAS#</u>	<u>% (by weight)</u>
Sodium Metabisulfite	7757-83-7	1-20
Water	7732-18-5	50-80

Potential Health Effects:      May cause skin irritation.

   Ingestion may cause irritation, nausea, diarrhea, asthma, or lowered calcium and level in the blood.

   May cause eye irritation.

   Can release sulfur dioxide gas, which is toxic and even fatal in extreme cases.

HAZARD CLASSIFICATION: Skin Irritation: Category IV

Eye Irritation: Category IV

SIGNAL WORD( IF APPLICABLE): **Danger**

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### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: Na<sub>2</sub>SO<sub>4</sub>

MOLECULAR WEIGHT: 142.04214 g/mol

GENERAL USE: Boiler Chemical

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### SECTION 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call physician.

**SKIN:** Wash skin thoroughly.

**INGESTION:** If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

**INHALATION:** Inhalation may cause irritation. If used improperly in the presence of water or under acidic condition, can release sulfur dioxide gas, which is toxic and can even cause death in extreme cases, for example, if the gas is released in a poorly ventilated area.

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### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: Media appropriate for surrounding fire.

FIRE / EXPLOSION HAZARDS: Toxic fumes may be released.

FIRE FIGHTING PROCEDURES: Prevent human exposure to fire fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing.

**NFPA Hazard Codes:**

**Health: 1**

**Fire: 0**

**Reactivity: 0**

**Other: CORR**

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section III). Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.

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### SECTION 7: HANDLING AND STORAGE

HANDLING: Keep heat, lights, fire, and sparks away. For industrial use only. Attention: This container is hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed.

STORAGE: Keep container closed when not in use. Store in a cool dry place. Store away from oxidizers.

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## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

OSHA'S PERMISSIBLE EXPOSURE LIMITS: OSHA, ACGIH and NIOSH have not developed PEL's for this product.

THRESHOLD LIMIT VALUES: N/A

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Safety glasses with side shield, chemical goggles, face shield, always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

SKIN: Clean protective clothing, safety helmet, impervious gloves.

RESPIRATORY: If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION: Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements. Local mechanical ventilation may be required.

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

ODOR: NIL

APPEARANCE: Colored Liquid

PERCENT VOLATILE: N/D

VAPOR PRESSURE: (M HG.): N/D

VAPOR DENSITY: (AIR=1): N/D

BOILING POINT: >) R=212 deg. F

FREEZING POINT: N/D

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## **SECTION 10. STABILITY AND REACTIVITY**

STABILITY: Stable

INCOMBATABILITY: Bleaching agents (oxidizers), inorganic acids, avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, per carbonates, peroxides, hypochlorite's, nitric acid, and sulfuric acid.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

Oral mouse LD50: 820 mg/kg. Investigated as a tumorigen and mutagen.

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## **SECTION 12. ECOLOGICAL INFORMATION**

Environmental Fate: No information found

Environmental Toxicity: No information found

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Solids must be disposed of in a permitted hazardous waste management facility. Recovered liquids may be reprocessed or incinerated.

Incineration must be handled in a permitted hazardous waste management facility. Dispose of material in accordance with all Federal, State, and local regulations. Local regulations may be more stringent than Federal or State.

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### SECTION 14: TRANSPORT INFORMATION

Not regulated.

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### SECTION 15: REGULATORY INFORMATION

-----\Chemical Inventory Status - Part 1\----- Ingredient TSCA EC Japan Australia -----  
----- Sodium Sulfite (7757-83-7) Yes Yes Yes Yes  
  
-----\Chemical Inventory Status - Part 2\----- --Canada-- Ingredient Korea DSL  
NDSL Phil. ----- Sodium Sulfite (7757-83-7) Yes Yes No Yes  
  
-----\Federal, State & International Regulations - Part 1\----- -SARA 302- -----SARA 313----- Ingredient  
RQ TPQ List Chemical Catg. ----- Sodium Sulfite (7757-83-7) No No No No  
  
-----\Federal, State & International Regulations - Part 2\----- -RCRA- -TSCA- Ingredient  
CERCLA 261.33 8(d)

#### SODIUM SULFITE

----- Sodium Sulfite (7757-83-7) No No No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No Reactivity: No (Pure / Solid)

Australian Hazchem Code: None allocated. Poison Schedule: None allocated. WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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### SECTION 16: OTHER INFORMATION

Date of Preparation: 05/25/08

Last Revision: 04/23/15