

# HarChem

H<sub>2</sub>O

## Water Services

PO Box 310, Muldrow, OK 74948

---

### SAFETY DATA SHEET

## HB-100

#### SECTION 1: IDENTIFICATION

##### MANUFACTURER/ DISTRIBUTOR

HarChem Water Services

P.O. Box 310

Muldrow, OK 74948

##### Emergency Telephone Number:

479-806-0266 24 hours everyday

918-427-0777 479-434-0618

Chemtec 1-(800)-262-8200

##### RECOMMENDED USES:

---

#### SECTION 2: HAZARD IDENTIFICATION

Ingredient (s)	CAS#	Max % (by weight)
Sodium Sulfite	(7757-83-7)	100.0

HAZARD STATEMENTS:

PICTOGRAM REPRESENTATION:

HAZARD CLASSIFICATION:

SIGNAL WORD (IF APPLICABLE):

POTENTIAL HEALTH EFFECTS: EYES: Eye Contact with product may cause irritation

POTENTIAL HEALTH EFFECTS: SKIN: Skin contact may cause irritation

POTENTIAL HEALTH EFFECTS: INGESTION: Ingestion may cause irritation, nausea, diarrhea, asthma, lowered calcium level in the blood.

POTENTIAL HEALTH EFFECTS: 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.

---

#### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: Na<sub>2</sub>O<sub>3</sub>S

MOLECULAR WEIGHT: 126.04247 g/mol

GENERAL USE:

---

#### 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:** Skin contact may cause irritation. Wash hands thoroughly with soap after exposure.

**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:** Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

---

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A

AUTOIGNITION:

EXTINGUISHING MEDIA: :Any means suitable for extinguishing surrounding fire.

FIRE / EXPLOSION HAZARDS:.

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: NONE**

---

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

---

#### SECTION 7: HANDLING AND STORAGE

**HANDLING:** Adequate ventilation is required to minimize exposure or to maintain exposure levels below OS Safety shower, eye wash fountain, and washing facilities should be readily available.HA/ACGIH requirements., Local mechanical ventilation may be required. Keep heat, lights, fire, and sparks away., For industrial use only., **ATTENTION:** This container hazardous when emptied. Since emptied container contains product residues (, 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., Keep out of reach of children.

---

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

OSHA'S PERMISSIBLE EXPOSURE LIMITS: OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE respiratory system, skin

THRESHOLD LIMIT VALUES: N/A

PERSONAL PROTECTIVE EQUIPMENT:

SKIN: Use impervious gloves

RESPIRATORY:

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

PROTECTIVE CLOTHING: Clean protective clothing, safety helmet, impervious gloves

---

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

Boiling Point: > OR = 212 deg. F

Freezing Point: N/D

Specific Gravity (H<sub>2</sub>O=1): >OR = 1.2000 @ 68 deg. F

Vapor Pressure (MM HG.): N/D

Vapor Density (AIR=1): N/D

Evaporation Rate (NA=1): N/D

Solubility in Water: N/D

Percent Volatile by Volume: N/D

pH: aqueous approx. > OR = 9.800

Appearance:

COLORED LIQUID

Odor: NIL

---

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

CONDITIONS TO AVOID:

STABILITY: Stable

POLYMERIZATION:

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

MATERIALS TO AVOID: Bleaching agents (oxidizers), inorganic acids, avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid.

---

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Carcinogenic References: not considered carcinogenic by ACGIH, IARC, NIOSH, NTP and OSHA.

---

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental Fate: No information found

Environmental Toxicity: No information found

---

**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.

---

**SECTION 14: TRANSPORT INFORMATION**

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT LABELLING REQUIREMENTS: Not applicable

International Air Transport Association:

UN : UN 3077

---

**SECTION 15: REGULATORY INFORMATION**

US Federal Regulation:

**SECTION 16: OTHER INFORMATION**

Date of Preparation: 05/25/08

Last Revision: 07/3/13