**SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION**

**HEIMBURGER & Company Emergency Telephone:** (800) 424-9300 CHEMTREC

8563 Semiahmoo Drive **General** **Information:** (360) 319.8234

Blaine, WA  98230

**SECTION 2· HAZARDS IDENTIFICATION**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity, Oral Category 4

**GHS Label elements, including precautionary statements**

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**Pictogram:**

**Signal Word:** Warning

**Hazard statement:**

H302 Harmful if swallowed.

**Precautionary statement:**

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P304 + P340 + P314 IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.

P501 Dispose of contents/ container to an approved waste disposal plant.

**SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTS**

**CHEMICAL NAME CAS Number Weight%**

Sodium Bisulfite 7631-90-5 23 - 42

Contains Sodium Sulfite and Sodium Sulfate that exceed the threshold De Minimis reporting levels, which themselves are classified and which contribute to the classification of this product.

**SECTION 4 · FIRST AID MEASURES**

**FIRST AID PROCEDURES:**

**Inhalation:** Move exposed person to fresh air immediately. If breathing is difficult, give oxygen. Seek medical attention, if you feel unwell.

**Skin: Contact** Remove contaminated clothing and wash exposed area thoroughly with soap and water. Seek medical attention if you feel unwell.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Remove any contact lenses. Seek medical attention, if you feel unwell.

**Ingestion:** If swallowed, DO NOT induce vomiting. Rinse mouth. Seek medical attention, if you feel unwell.

See Section 11 for Signs and Symptoms of Exposure

**SECTION 5 · FIRE FIGHTING MEASURES**

**Suitable Extinguishing media:** Use dry chemical or carbon dioxide.

**Hazardous combustion products:** Oxides ofcarbon and sulfur.

**Fire Fighting Procedures:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Incompatibles:** No published information available.

**Unusual Fire and Explosion Hazards:** Not considered flammable or combustible.

**SECTION 6 · ACCIDENTAL RELEASE MEASURES**

**Spills:** Suitable protective clothing should be worn. Shut off or plug source of spill.

Small spills: absorb on inert media and collect into suitable container.

Large Spills: Dike spill area to contain liquid. Salvage as much re-useable liquid as possible into a suitable container. Soak up with inert absorbent material and dispose of as waste as classified according to Section 13.

Neutralize with appropriate alkali, such as sodium hydroxide or soda ash. Keep in suitable closed containers for disposal.

**SECTION 7 · STORAGE AND HANDLING**

**Handling:** Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes.

**Storage:** Do not store near acids. Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers.

**SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Engineering Controls:** Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

**Exposure Limits:** Sodium Bisulfite 2 mg/m3 ACGIH 5 mg/m3 OSHA

**Personal Protective Equipment (PPE):**
**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.
**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.
**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

**SECTION 9· PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid  **Flammability Limits:** No available data: **Appearance/Odor:** Colorless to pale yellow / pungent **Vapor pressure (mmHg):** 32
**Odor threshold:** No available data  **Relative Vapor density (Air=1):** 17.3 @ 77 OF / 25 OC
**pH:** 3.5 – 5.0  **Specific Gravity:** 1.13 – 1.38
**Freezing point:** 15 OF / -9 OC  **Water Solubility:** Dilutable
**Initial boiling point:** 217 OF / 103°C (Estimated) **Partition coefficient: n-octanol/water:** No available data

**Flash point:** No available data **Auto-ignition temperature:** No available data
**Evaporation rate (BuAc=1):** No available data **Decomposition temperature:** No available data
**Flammability (solid, gas):** Not Applicable **Viscosity:** No available data

**SECTION 10 · STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal use and temperature conditions.
**Conditions to Avoid:** Avoid exposure to excessive heat.

**Incompatible Materials:** Strong acids and oxidizing agents

**Possibility of Hazardous Reactions:** Will not occur under normal use and temperature conditions.

**SECTION 11 · TOXILOGICAL INFORMATION**

**Signs and Symptoms of Overexposure:**

**Skin:** Can cause mild irritation to the skin.

**Eyes:** Can cause irritation to the eyes.

**Ingestion:** This product may cause irritation to the gastro-intestinal tract. Large doses may cause diarrhea, central nervous system depression.

**Inhalation:** If mists or sprays of this solution are inhaled, this may cause irritation to respiratory tract.

**Acute oral toxicity:**

LD50 rat: 1,540 mg/kg

**Acute inhalation toxicity:**

LD50 rat: No available data

**Acute dermal toxicity:**

LD50 rabbit: No available data

**Germ Cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Not classified

**STOT single exposure:** Not classified

**STOT repeated exposure:** Not classified

**SECTION 12 · ECOLOGICAL INFORMATION**

**Aquatic Toxicity:** Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 240 mg/l - 96 h; Mosquitofish 240 ppm 96 hours LC50; Mysid shrimp 111 mg/L 48 hours LC50; Sheepshead minnow 117 mg/L 48 hours LC50.

**Mobility:** Accidental spillage may lead to penetration in the soil when spilled in large quantities.

**SECTION 13 · DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine at the time of disposal whether a discarded chemical is classified as a hazardous waste. Chemical additions, processing or otherwise altering this material may make waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**SECTION 14 · TRANSPORTATION**

**U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):**

**Proper Shipping Name:** Bisulfites, aqueous solutions, n.o.s.

**Hazard Class:** 8

**UN Number:** 2693

**Packaging Group: 3**

Other Labels: Corrosive

**SECTION 15 · REGULATORY INFORMATION**

**US FEDERAL REGULATIONS**

**Comprehensive Environmental Response and Liability Act (CERCLA)** This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 5000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

**Toxic Substance Control Act (TSCA):** All components of this product are on the Chemical Substance Inventory and designated as active in U.S. commerce.

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**

Acute Health

**SARA Section 313** **(40 CFR 372) Hazard Categories:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CCA.

**California Prop 65:** This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

FDA GRAS 21 CFR 182.3739

**SECTION 16 · OTHER INFORMATION**

**SDS Origination Date:** February 2025

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 1

**Flammability:** 0

**Reactivity:** 1

**Special Instructions:** None

The information above is believed to be accurate and represents the best information currently available to us. However, Heimburger & Company makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Heimburger & Company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Heimburger & Company has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this SDS and its contents from that originally submitted by Heimburger & Company.