

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Sodium Metabisulfite - ACS Grade

**Synonyms:** Sodium Metabisulfite

**CAS Number:** 7681-57-4

**Grade/Purity:** ACS Reagent Grade

**Product Type:** Salts

**Product Use:** Industrial, Manufacturing or Laboratory use

**Manufacturer/Supplier:** Alliance Chemical, 204 South Edmond St, Taylor, Texas 76574

**Information:** 512-365-6838 | www.alliancechemical.com

**Emergency:** CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

### 2. HAZARDS IDENTIFICATION

**Signal Word:** Danger

**GHS Pictograms:**



**Hazard Statements:**

|      |  |
|------|--|
| H302 | Harmful if swallowed [Warning Acute toxicity, oral]                  |
| H318 | Causes serious eye damage [Danger Serious eye damage/eye irritation] |

**Precautionary Statements:**

|       |  |
|-------|--|
| P264, | P264+P265, P270, P280, P301+P317, P305+P354+P338, P317, P330, and P501 |
|-------|--|

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT            | WEIGHT % | CAS #     | EINECS# / ELINCS# | FORMULA                                       | MOLECULAR WEIGHT |
|----------------------|----------|-----------|-------------------|---|------------------|
| Sodium Metabisulfite | 98.0%    | 7681-57-4 | 231-673-0         | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> | 190.10 g/mol     |

### 4. FIRST-AID MEASURES

|                   |   |
|-------------------|---|
| <b>Eyes</b>       | Eye: IRRIGATE IMMEDIATELY - If this chemical contacts the eyes, immediately wash (irrigate) the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. |
| <b>Skin</b>       | Rinse skin with plenty of water or shower.  |
| <b>Inhalation</b> | Breathing: FRESH AIR - If a person breathes large amounts of this chemical, move the exposed person to fresh air at once. Other measures are usually unnecessary.   |
| <b>Ingestion</b>  | Swallow: MEDICAL ATTENTION IMMEDIATELY - If this chemical has been swallowed, get medical attention immediately. (NIOSH, 2024)  |

## 5. FIRE-FIGHTING MEASURES

|                             |  |
|-----------------------------|--|
| <b>Suitable Media</b>       | Use water spray, alcohol-resistant foam, dry chemical, or CO <sub>2</sub> . Use measures appropriate to local circumstances. |
| <b>Unsuitable Media</b>     | Do not use a solid water stream as it may scatter and spread fire.   |
| <b>Protective Equipment</b> | Wear self-contained breathing apparatus and full protective clothing.  |
| <b>Combustion Products</b>  | May include carbon oxides and other toxic fumes. See Section 10.   |

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Use PPE as described in Section 8. Ensure adequate ventilation. Evacuate personnel to safe areas.       |
| <b>Environmental</b>             | Prevent leakage or spillage from entering drains, sewers, or waterways.                                 |
| <b>Containment &amp; Cleanup</b> | Absorb with inert material. Collect in appropriate waste container. Dispose per applicable regulations. |

## 7. HANDLING AND STORAGE

|                      |  |
|----------------------|--|
| <b>Safe Handling</b> | Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use. |
| <b>Safe Storage</b>  | Store in a cool, dry, well-ventilated area. Keep away from incompatible materials (see Section 10). Keep containers tightly closed.                |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use adequate ventilation. Provide eyewash stations and quick-drench showers accessible to areas of use.

**Occupational Exposure Limits:**

No established occupational exposure limits.

|                   |   |
|-------------------|---|
| <b>Eyes</b>       | Wear chemical safety goggles or face shield.  |
| <b>Skin</b>       | Wear chemical-resistant gloves and protective clothing.                             |
| <b>Inhalation</b> | Use NIOSH-approved respirator if exposure limits are exceeded or irritation occurs. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                          |   |
|--------------------------|---|
| <b>Appearance</b>        | Not Available                                 |
| <b>Odor</b>              | Characteristic                                |
| <b>pH</b>                | Not Available                                 |
| <b>Melting Point</b>     | Not Available                                 |
| <b>Boiling Point</b>     | Not Available                                 |
| <b>Flash Point</b>       | Not Available                                 |
| <b>Vapor Pressure</b>    | Not Available                                 |
| <b>Specific Gravity</b>  | Not Available                                 |
| <b>Solubility</b>        | Not Available                                 |
| <b>Molecular Formula</b> | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> |
| <b>Molecular Weight</b>  | 190.10 g/mol                                  |

## 10. STABILITY AND REACTIVITY

|                               |   |
|-------------------------------|---|
| <b>Chemical Stability</b>     | Stable under recommended storage conditions.                                  |
| <b>Hazardous Reactions</b>    | None under normal processing conditions.                                      |
| <b>Conditions to Avoid</b>    | Heat, sparks, open flame, and incompatible materials.                         |
| <b>Incompatible Materials</b> | Strong oxidizing agents, strong acids, strong bases.                          |
| <b>Decomposition Products</b> | May produce carbon oxides and other toxic fumes when heated to decomposition. |

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** See Section 2 for GHS hazard classification.

|             |                           |
|-------------|---------------------------|
| <b>IARC</b> | Not listed as carcinogen. |
| <b>NTP</b>  | Not listed as carcinogen. |
| <b>OSHA</b> | Not listed as carcinogen. |

## 12. ECOLOGICAL INFORMATION

|                         |   |
|-------------------------|---|
| <b>Ecotoxicity</b>      | Data not available. Avoid release to the environment. |
| <b>Persistence</b>      | Not Available   |
| <b>Bioaccumulation</b>  | Not Available   |
| <b>Mobility in Soil</b> | Not Available   |

## 13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with applicable federal, state, and local regulations. Do not dispose of into drains or waterways.

## 14. TRANSPORT INFORMATION

|                         |   |
|-------------------------|---|
| <b>US DOT</b>           | Not regulated as dangerous goods.   |
| <b>IMDG</b>             | Not regulated as dangerous goods.   |
| <b>IATA/ICAO</b>        | Not regulated as dangerous goods.   |
| <b>Marine Pollutant</b> | No  |
| <b>Note</b>             | Hazard communication note: Product may meet GHS hazard criteria for workplace handling, while not being regulated as dangerous goods for transport. |

## 15. REGULATORY INFORMATION

|                           |  |
|---------------------------|--|
| <b>TSCA Inventory</b>     | All ingredients are listed on the TSCA Active inventory.         |
| <b>California Prop 65</b> | Refer to California Proposition 65 list for current status.      |
| <b>SARA 311/312</b>       | See Section 2 for hazard classifications.                        |
| <b>SARA 313</b>           | Refer to EPA Toxic Release Inventory for current listing status. |

## 16. OTHER INFORMATION

**Revision Date:** 04/29/2026

**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication. It relates only to the specific product identified and does not relate to its use in combination with other materials. ALLIANCE CHEMICAL MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLIANCE CHEMICAL DOES NOT ASSUME LIABILITY FOR LOSS, INJURY, DAMAGE, OR EXPENSE ARISING FROM THE HANDLING, STORAGE, USE, OR DISPOSAL OF THIS PRODUCT.