1. IDENTIFICATION

Product Name: SODIUM DITHIONITE

Synonyms: Sodium hydrosulfite; Sodium sulfoxylate

Formula and Formula Weight: Na₂S₂O₄  174.11

Integra numbers beginning with: S365.50

Recommended Use: Commercial/industrial use

Restrictions on Use: No information available

INTEGRA Chemical Company

24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)

1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification:

Acute Toxicity - Oral: 4 Harmful if swallowed.

Eye Damage/Irritation: 1 Causes serious eye damage.

Self-Heating Substances and Mixtures: 1 Self-heating; may catch fire.

Signal Word: DANGER

Precautionary Statements

Prevention:

Keep cool. Protect from sunlight.

Wash thoroughly after handling.

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

Wear protective gloves, eye protection, face protection.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center, doctor if material contacts eyes or if you feel unwell.

Rinse mouth.

Storage

Maintain air gap between stacks, pallets.

Store bulk masses at temperatures not exceeding 50°C, 122°F.

Store away from other materials.

Disposal

Dispose of contents, container in accordance with all governmental regulations.

Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
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<tbody>
<tr>
<td>Sodium dithionite</td>
<td>Sodium hydrosulfite; Sodium sulfoxylate</td>
<td>07775-14-6</td>
<td>85 - 100</td>
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<tr>
<td>Proprietary salts</td>
<td></td>
<td>N/A</td>
<td>0 - 15</td>
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</table>

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult administer oxygen. Seek medical attention.

Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention.

Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.

Ingestion: Do not induce vomiting. If victim is conscious, rinse mouth, give water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Additional notes: Symptoms and effects include serious eye damage; skin, respiratory irritation; nausea, vomiting, gastrointestinal irritation, burns to the mouth and throat; coughing, difficulty breathing, chest pains, blindness.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use very large quantities of water. Do not use water jet, as it may spread the fire.

Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection. If decomposition is suspected (container hot to touch or deformed), vent container.
9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White to gray white crystalline powder

**Odor:** Odor of sulfur dioxide

**Odor Threshold:** Not available

**pH:** 6 to 10 (for a 1% solution at 20°C)

**Melting/Freezing Point:** 300°C

**Initial Boiling Point and Boiling Range:** Not available

**Flash Point:** Not available

**Evaporation Rate:** Not available

**Flammability:** Not available

**Flammable or Explosive Limits (% by volume in air):** Upper: Not available Lower: Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density:** 2.4 g/cc

**Solubility:** Highly soluble in water

**Partition Coefficient: n-octanol/water**< -4.7

**Auto-Ignition Temperature:** Self-heating

**Decomposition Temperature:** 52°C

**Viscosity:** Not available

10. STABILITY AND REACTIVITY

**Stability:** Stable

**Possibility of Hazardous Reactions:** Self-heating and water reactive. May catch fire. Contact with water may generate large amounts of heat and ignitable vapor.

**Conditions to Avoid:** Heat, sparks and open flame. Moisture. Temperatures above 50°C.

**Incompatibles:** Incompatible with strong acids and strong oxidizers. Peroxides, water, combustible materials.

**Decomposition Products:** Oxides of sulfur. Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

**Reactivity:** No data available

**Stability:** Stable

**Possibility of Hazardous Reactions:** Self-heating and water reactive. May catch fire. Contact with water may generate large amounts of heat and ignitable vapor.

**Conditions to Avoid:** Heat, sparks and open flame. Moisture. Temperatures above 50°C.

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**Decomposition Products:** Oxides of sulfur. Oxides of carbon.
### 14. TRANSPORTATION INFORMATION

This product is a regulated material for domestic ground transporation, per CFR Title 49.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Proper Shipping Name:</td>
<td>Sodium dithionite</td>
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<td>Packing Group:</td>
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<tr>
<td>Bulk transport:</td>
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### 15. REGULATORY INFORMATION

Sodium dithionite is listed in the TSCA inventory.

Proprietary salts is listed in the TSCA inventory.

### 16. OTHER INFORMATION

OSHA SDS #: 26390 rev 102  1.17.2018

NE = Not established, NA = Not applicable or Not available

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***** END OF SDS *****