



# SPECIFICATIONS

## Elemental Sulphur (99.5% S)

### Product Description

**Elemental Sulphur 99.5%** is designed to provide industrial sulphur users with a form of sulphur featuring excellent handling characteristics. This material is formed from molten sulphur using a drop forming process that results in a compacted granular product known as a “pastille.” This manufacturing process allows **Tiger-Sul** to deliver a quality material that surpasses the standards in industries such as steel making, pulp and paper, malting, fruit processing, mining, and other industries requiring sulphur. This product is very easy to handle with a low dust content, allowing for enhanced safety during the industrial handling processes.

### Product Sizing

**Canada:** 25 kg bag, 1000 kg Mini Bulk bags, Bulk Truck Load.

**US:** 50 lb bag, 2000 lbs Mini Bulk Bags, Bulk Truck Load, Rail Bulk.

### Guaranteed Analysis- 0-0-0-99.5S

Physical Properties	
Product Sizing:	280 SGN
Angle of Repose:	29°
Breakage Tests (% Fines Produced):	< 0.75%
Impact (SLI):	2%
Abrasion (SLII):	1.43%
Bulk Density (loose):	67 lbs/ft <sup>3</sup> or 1073 kg/meter <sup>3</sup>
Melting Point:	118-120° C (245-248° F)
Moisture Content:	< 0.3%

### General Application and Use Recommendations

**Elemental Sulphur 99.5%** is excellent in situations where burning sulphur is required in production processes. Individualized recommendations should be specific to industrial process(es) requiring a pure sulphur ingredient.

#### Global Headquarters

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#### Production Facility

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#### Production Facility

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### Handling and Storage

Good housekeeping is necessary when handling sulphur products. Always use stringent dust control procedures to prevent concentrated flammable dusts from reaching a spark or flame source. Sulphur materials should not be blended and stored with strong oxidizing agents such as ammonium nitrate. Avoid extensive use of augers due to fracturing of the product. Review the National Fire Protection Association® (NFPA) 655: Standard for Prevention of Sulfur Fires and Explosions for additional information.

### First Aid

**Skin Contact:** Wash with mild soap and water.

**Eyes:** Irrigate thoroughly with copious quantities of plain water. Irritation may result if inadequate flushing occurs. Do not use boric acid solution.

**Ingestion:** If swallowed, induce vomiting only if victim is conscious. Call physician immediately or contact poison control center.

**Inhalation:** Sulphur dust may irritate the mucous membranes of the respiratory passages.

**Disclaimer:** While every reasonable care has been taken to provide corresponding data and information, we do not warrant accuracy and recommend you obtain local and independent verification.

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