



# SPECIFICATIONS

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## Elemental Sulphur 99.5% (99.5% S)

### Product Description

**Elemental Sulphur 99.5%** is designed to provide industrial sulphur users with a very pure form of sulphur featuring excellent handling characteristics. The material is formed from pure molten sulphur using a drop forming process that results in a compacted granular product known as a “pastille” — a split pea shape with rounded edges that minimize dust creation. This manufacturing process allows Tiger to deliver a quality material that surpasses the requirements of even the most stringent 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 an extremely low dust content ( < 0.5% fines at manufacturing ), allowing for maximum safety during industrial handling processes. The smaller mesh sizing allows for a premier sulphur product to be handled in a smaller pastille size vs. larger sizing elemental sulphur products.

### Product Sizing

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

U.S.: 50 lb bag, 2000 lbs Mini Bulk Bags, Bulk Truck Load, Rail Bulk.

<i>Guaranteed Analysis- 99.5% Sulphur</i>	
<b>Physical Properties</b>	
<b>Product Sizing:</b>	<b>260 SGN</b>
<b>Angle of Repose</b>	<b>29 Degrees</b>
<b>Breakage Tests (% Fines Produced)</b>	<b>&lt;0.57%</b>
<b>Impact (SLI)</b>	<b>0.2%</b>
<b>Abrasion (SLII)</b>	<b>1.43%</b>
<b>Bulk Density (packed)</b>	<b>83lbs/ft<sup>3</sup> or 1328 kg/cubic meter</b>
<b>Melting Point</b>	<b>118-120deg, Celcius (245-248 deg Farenheit)</b>
<b>Moisture Content</b>	<b>&lt;0.3%</b>

## Elemental Sulphur 99.5%

### General Application and Use Recommendations

**Elemental Sulphur 99.5%** is excellent in situations where burning sulphur is required in production processes with a small SGN size required. Recommendations are based on each individual Industrial process requiring a pure sulphur ingredient.

### Handling and Storage

Accepted handling procedures should be followed when using **Elemental Sulphur 99.5%**. 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.

### First Aid

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

**Eyes:** Irrigate thoroughly with copious quantities of plain water. Inadequate irrigation may cause irritation. Do not use Boric Acid.

**Ingestion:** Solid Sulphur is virtually non-toxic. It can be taken internally at fairly large doses without injury.

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

**Disclaimer:** While every reasonable care has been taken to ensure that uniformity on our web site is correct at the time of posting, we do not warrant accuracy and recommend you obtain local and independent verification. Industrial Grade Mini Prill Sulphur Specifications



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