



**BUOYANCY®**  
بُوعَانِيَّة

BUOYANCY GENERAL TRADING LLC

## Powder Sulphur (325 Mesh)

Powder Sulphur has various uses such as in manufacturing fertilizers, Pesticides, in sugar manufacturing plants as a bleaching agent, Bi-sulphates, Carbon Di Sulphides, and Sulphites, it is also used as rubber vulcanization agents, in gun powder, sulfur dyes, putties, Paper & pulp and Pharmaceutical and animal feed industries. Powder Sulphur 99.90% MIN with -325 Mesh size exported by Buoyancy® meets the following technical and quality standards.

<b>State at 20°C</b>	Solid	<b>Thermal Conductivity</b>	0.205 W/cm/K
<b>CAS No</b>	7704-34-9	<b>Residue on ignition</b>	Max: 0.05%
<b>Linear Formula</b>	S	<b>Solubility in Toluene:</b>	0.01% Max
<b>IMCO Class</b>	4.1	<b>Boiling point</b>	444.50°C
<b>U N Number</b>	1350	<b>EINECS</b>	231-722-6
<b>SM</b>	32.07 g/mol	<b>Flash Point</b>	207.2°C
<b>Melting Point</b>	115°C -120°C	<b>Specific Gravity</b>	2.07 @ 70°F
<b>Color</b>	Bright Yellow	<b>Auto-ignition Temperature</b>	248-266°C
<b>Density</b>	1.9-2.1 g/cm <sup>3</sup>	<b>Solubility in H<sub>2</sub>O</b>	Insoluble
<b>Size</b>	325 mesh (44 μ)	<b>Appearance</b>	Shiny fine powder

Properties	Parameters	Result
Sulphur content	99.90% min	99.99%
Moisture	≤ 0.5 % max	0.03 %
Ash content	≤ 0.03% max	0.008%
Acidity (H <sub>2</sub> SO <sub>4</sub> )	≤ 0.003% max	0.003%
Organic substance	≤ 0.3 % max	0.003 %
Color	Bright Yellow	Bright Yellow
Arsenic, Selenium, Tellurium, Lead	NIL	Commercially Free
Mechanical impurities (Paper, wood, sand, etc.)	(Not permitted)	Absent

### Packing

25Kg and 50 Kg PP Laminated marking bags palletized or non-palletized.

### Storage & Handling

- 1) Prevent moisture absorbing, keep away from heat, keep in air well-ventilated area.
- 2) Do not contact with acids and alkaline substance, protect from dust.
- 3) Ensure bags are kept sealed and in good clean condition.



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## COMMENTS

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

## PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet ("SDS") contains essential environmental, health, and safety information concerning its handling and storage. This product's most current version of the SDS can be obtained by contacting a Buoyancy General Trading LLC representative.

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