

T4007 MOLYBDENUM TRIOXIDE  
(Molybdic Oxide) Extra pure

For general enquiries please contact our  
Quality Control Division: qc@tirupatiind.com

Tirupati Industries (India) Limited  
42-45, Emerald Industrial Estate,  
Dheku, Tal. KHalapur, Dist. Raigad 410203,  
Maharashtra, INDIA.

Phone: +91(22)67495050

Product Number	Packaging	Size
T400700100	Plastic Bottle	100g
T400700500	Plastic Bottle	500g
Other bulk and consumer pack sizes are available.		

**Product Information**

Synonyms	Molybdenum (VI) Oxide
Chemical formula	MoO <sub>3</sub>
Form	Powder
Colour	Grey
Odour	-
Molar mass	143.94 g/mol
CAS number	1313-27-5

**Physical and chemical data**

Solubility	Soluble
Melting point	795°C
Boiling point	1150°C
Molar mass	143.94 g/mol
Density	4.692g/cm <sup>3</sup>
Bulk density	-
pH value	-
Specific Gravity	4.692

**Safety information**

Suspected of causing cancer.  
Causes skin irritation.  
Causes serious eye irritation .



Tariff: 2825 70 00  
R: 36/37-48/20/22  
S: 22-25  
F: 14

**Transport information**

Poisonous material.  
Marine Pollutant

**Technical data**

---

Assay	99.0 Min	%
Chloride	0.005 Max	%
Sulphate	0.01 Max	%
Phosphate	0.002 Max	%
Ammonium	0.01 Max	%
Iron	0.002 Max	%

**Uses**

---

Source of molybdenum compound  
Analytical chemistry.  
Agriculture.  
Manufacturing of metallic molybdenum.  
Ceramic glazes.  
Enamels.  
Pigments.

---

REGD. OFFICE & FACTORY: 42 – 45 EMERALD INDUSTRIAL ESTATE, DHEKU, TAL. KHALAPUR, DIST RAIGAD - 410 203, MAH (INDIA)  
TEL: +91-22-67495050 | FAX: +91-22-67499292 | [info@tirupatiind.com](mailto:info@tirupatiind.com) | [www.tirupatiind.com](http://www.tirupatiind.com)

