T4008 MOLYBDENUM TRIOXIDE
(Molybdic Oxide) AR

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

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Phone: +91(22)67495050

Product Number	Packaging	Size
T400800100	Plastic Bottle	100g
T400800500	Plastic Bottle	500g

Other bulk and consumer pack sizes are available.

Product Information

Synonyms	Molybdic Oxide
Chemical formula	MoO_3
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^3
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.

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