

T4008 MOLYBDENUM TRIOXIDE  
(Molybdic Oxide) AR

For general enquiries please contact our  
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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 <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**

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|           |           |   |
|-----------|-----------|---|
| 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**

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

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