

Technical Data Sheet

Version: 1.0
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Date: 18 / 6 / 2026



Item Name:

Na₂MO₄

PRODUCT INFORMATION

Chinese Name:	钼酸钠
Commodity Name:	Sodium Molybdat
Chemical Name:	Sodium Molybdat
Other Name:	Disodium Molybdate, CCRIS 5442
CAS No.:	7631-95-0
Molecular Weight:	241.95
Molecular Formula:	Na ₂ MO ₄ ·2H ₂ O

PRODUCT DESCRIPTION

Sodium molybdate is a kind of inorganic substance, chemical formula Na₂MO₄, for the white diamond crystal. Molybdenum trioxide can be produced by oxidation roasting of molybdenum concentrate, and sodium molybdate solution can be obtained by leaching with liquid alkali. After filtration, concentration, cooling, centrifugation and drying, it can be prepared.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White or colorless transparent orthorhombic crystal
Content (Mo) by wt %	39 min
Water insoluble by wt %	0.05 max
Fe by wt %	0.005 max
SO ₄ by wt %	0.1 max
As by wt %	0.001 max
Cl by wt %	0.02 max
pH Value	8.5 - 9

MAIN APPLICATION

Used in the manufacture of alkaloids, inks, fertilizers, molybdenum red pigment and fastness pigment precipitant, catalyst, molybdenum salt, can also be used in the manufacture of flame retardant and non-pollution cold water system of metal inhibitors, but also used as galvanizing, polishing agent and chemical reagent.

PACKING AND SHELF LIFE

Packing: 25kg PP Bag with PE Liner

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.