



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921



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SODIUM MOLYBDATE ANHYDROUS - Technical Data Sheet

Technical Bulletin

SODIUM MOLYBDATE ANHYDROUS

About us.....

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of *World Class Molybdenum & Tungsten* compounds serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



Description:

A very fine, white, technical grade powder. Solubility is 76g/100ml @ 25° C; melting point is 686° C. When dissolved in water, the resulting solution is clear.

Technical Specifications: ...High Purity, Highly Soluble Technical Grade
(CAS No. 7631-95-0)

Element	Specification	Typical Analysis
Na ₂ MoO ₄ ; % wt	99.1 Min.	99.8
Molybdenum (Mo); % wt.	46.2 Min.	46.5
Water (H ₂ O); %	.25 Max.	0.05
Mercury (Hg); % wt	0.0005 Max.	< 0.0005
Chloride; % wt.	0.01 Max.	< 0.005
Heavy Metals as Lead (Pb); % wt.	0.001 Max.	< 0.0005
pH of 5% Solution	7.5 - 10.0	9.4
Bulk Density; lbs./ft ³	----	70

Applications: Used as a corrosion inhibitor in water treatment applications, metal-working fluids, metal finishing, and as a micro-nutrient in animal feeds and agriculture.

Packaging: Available in 200 lb. fiber drums.

Shelf Life: At least one year if properly stored in unopened container.

Safety: Non-hazardous. Non-flammable. Refer to MSDS for additional precautions.



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