



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Molybdates

Technical Data Sheet

SODIUM MOLYBDATE ANHYDROUS

Sodium Molybdate Anhydrous (SMA) is 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. SMA is used as a corrosion inhibitor in water treatment applications, metalworking fluids, metal finishing, and as a micronutrient in animal feeds and agriculture. CAS#: 7631-95-0

Technical Specifications: $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$

| | |
|----------------------------------|--------------------|
| Appearance | Fine, White Powder |
| Na_2MoO_4 , % | 99.1% Min. |
| Molybdenum (Mo), % | 46.2% Min |
| Water, % | 0.25% Max |
| Mercury (Hg), % | 0.0005 Max |
| Chloride, % | 0.01 Max |
| Heavy Metals as Lead (Pb), % | 0.001 Max |
| pH, 5% Solution | 7.5 - 10.0 |
| Buk Density, lbs/ft ³ | 70 |

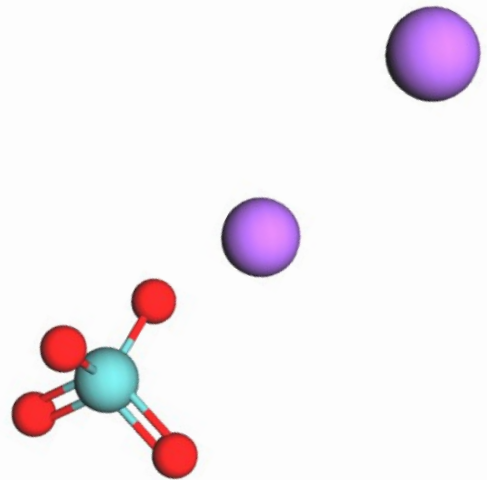


Image depicts Sodium Molybdate

Packaging: Available in 200lb and 500lb drums, and small packs by request.

Storage: Store in a cool, dry area. Keep containers closed when not in use.

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

Safety: Non-hazardous. Non-flammable. See MSDS for specific information.



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