



# NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

609 E. King St.  
York, PA 17403

Phone: (717) 845-8648  
Email: north@nmc-nic.com  
Web: www.northmetal.net

Molybdates

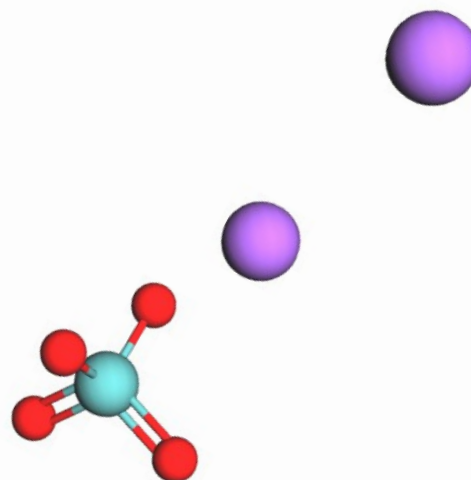
## Technical Data Sheet

# 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
$\text{Na}_2\text{MoO}_4$ , %	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 <sup>3</sup>	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.



Sodium Molybdate Anhydrous – Technical Data Sheet