



# NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Tungstates

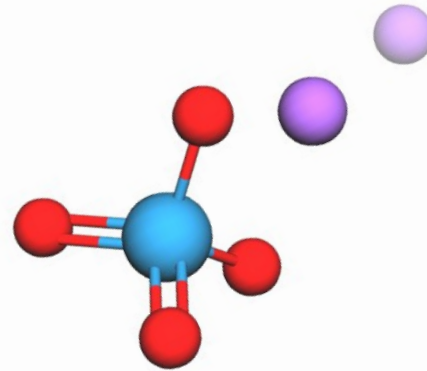
## Technical Data Sheet

# SODIUM TUNGSTATE SOLUTION

**Sodium Tungstate Solution (STS)** is a 38% aqueous solution of Sodium Tungstate Dihydrate and water.  
CAS#: 13472-45-2

### Technical Specifications: $\text{Na}_2\text{WO}_4 \cdot x \text{H}_2\text{O}$

$\text{Na}_2\text{WO}_4$ , %	37.75% min
Tungsten ( $\text{WO}_3$ ) dry basis, %	29.75% min
pH (1% solution)	10.25 - 13.0
Specific Gravity @20°C	1.45 - 1.55
Alkalinity as $\text{Na}_2\text{CO}_3$ , %	0.02% max
Chlorides, %	0.02% max
Sulfates, %	0.02% max
Iron (Fe), %	0.0005% max
Molybdenum (Mo), %	0.05% max
Heavy Metals with Lead, %	0.002% max
Arsenic (As), %	0.001% max



\*Image depicts Sodium Tungstate Dihydrate\*

**Packaging:** Available in 640lb and 3200lb totes. Small packs by request.  
**Storage:** Store in a cool, dry area. Keep containers closed when not in use.  
**Shelf Life:** At least three years if properly stored in unopened container.  
**Safety:** Non-hazardous. Non-flammable. See MSDS for specific information.



Sodium Tungstate Solution – Technical Data Sheet