



# NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

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Since 1921

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Tungstates

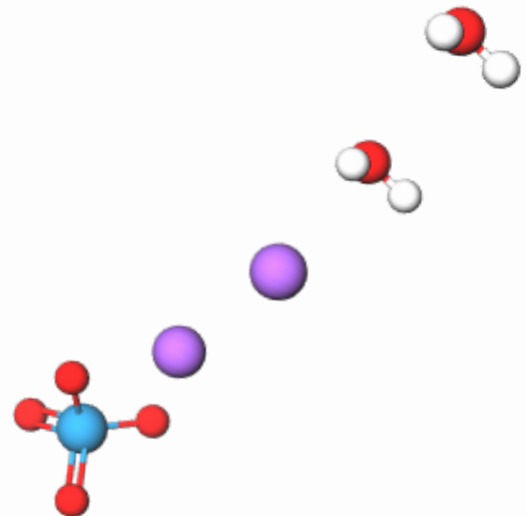
## Technical Data Sheet

# SODIUM TUNGSTATE DIHYDRATE

**Sodium Tungstate Dihydrate** is a fine, white divided crystalline material with a molecular weight of 329.86 and a bulk density of 1.45 - 1.60 g/cc. STX is commonly used as a source of soluble tungstate for corrosion and fire inhibitors, catalysts, the ceramics industry, and light-fast colors and inks. CAS#: 13472-45-2

### Technical Specifications: $\text{Na}_2\text{WO}_4 \cdot 2\text{H}_2\text{O}$

Appearance	Fine, White to Yellow Powder
$\text{Na}_2\text{WO}_4 \times 2\text{H}_2\text{O}$ %	99.0% min
Tungsten ( $\text{WO}_3$ ) dry basis, %	69.0% min
pH (2% solution)	8.0 - 10.0
Moisture, %	10.0 - 11.3%
Alkalinity as $\text{Na}_2\text{CO}_3$ , %	0.10% max
Chlorides, %	0.03% max
Sulfates, %	0.02% max
Iron (Fe), %	0.01% max
Lead (Pb), %	0.002% max
Insoluble Matter, %	0.02% max



**Packaging:** Available in 250lb and 500lb drums. As well as, 2200lb supersacks 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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