



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Tungstates

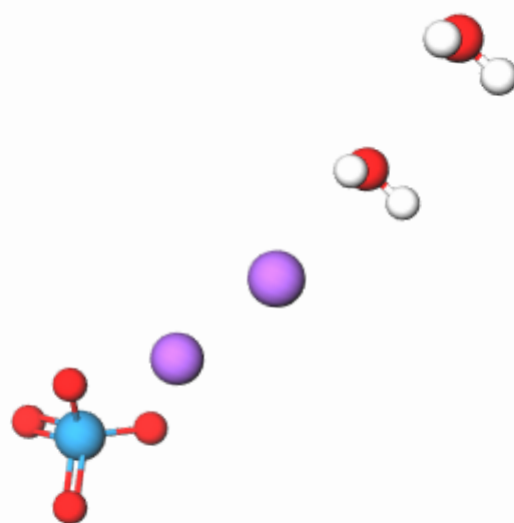
Technical Data Sheet

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 (WO_3) dry basis, %	69.0% min
pH (2% solution)	9.0 - 10.5
Moisture, %	10.0 - 11.3%
Alkalinity as Na_2CO_3 , %	0.0004% max
Chlorides, %	0.03% max
Sulfates, %	0.02% max
Iron (Fe), %	0.01% max
Lead (Pb), %	0.001% 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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