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## TECHNICAL DATA SHEET

# Sodium Molybdate Dihydrate

### Description:

A very fine, white, free flowing technical grade granule. Solubility is 76g/100ml at 25°C; melting point is 686°C. When dissolved in water, the resulting solution is clear.

### Technical Specifications

Element	Specification	Typical Analysis
Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O; % wt	99.3 Min.	99.8
Na <sub>2</sub> MoO <sub>4</sub> ; % wt	84.5 Min.	85.5
Molybdenum (Mo); % wt	39.4 Min.	39.9
Water loss @ 105°C; %	15 Max.	14.5
Mercury (Hg); % wt	0.0005 Max.	< 0.0005
Chloride; % wt	0.01 Max.	< 0.005
Heavy Metals as Lead (Pb); % wt	0.001 Max.	< 0.0005
PH of 5% Solution	7.5 – 10.0	9.0

### Applications:

Used as a corrosion inhibitor for open and closed cooling water systems, engine coolants, metalworking fluids, metal finishing, and oil drilling muds. Also used in pigments and agriculture.

### Packaging:

Available in 50, 100, 200, or 250 pound fiber drums, 100 kg. Drums or Super Sacs.

### Shelf Life:

At least one year if properly stored in unopened container.

### Safety:

Non-hazardous. Non-flammable. Refer to MSDS for additional precautions.

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### Disclaimer:

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