



## SODIUM MOLYBDATE DIHYDRATE (SMC) ( $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$ )

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### DESCRIPTION

Crystalline Sodium molybdate dihydrate as represented by the formula  $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$ , is also referred to as the dehydrate form. Water loss and decomposition starts at approximately 100°C (212°F) and subsequent anhydrous form melts at 686°C (1267°F).

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### SPECIFICATIONS

#### Percent by Weight

Molybdenum (calculated)	39.6 min
Water loss at 105°C (221°F)	15.0 max
Sulfate	0.07 max
Chloride	0.01 max
Phosphate	0.01 max
Silicate	0.01 max
Iron	0.01 max

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### PACKAGING

Fiber drum\*      200 lb net  
Paper bag      25 kg  
\* polyethylene-lined

Produced at Fort Madison, Iowa.

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### MSDS REQUIREMENTS

A copy of the material safety data sheet (MSDS) is available upon request.

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### QUALITY ASSURANCE

We are committed to the production of the highest quality Molybdenum products, to the continual improvement of our manufacturing processes, and long-term partnerships with our customers. To accomplish this, all our employees and suppliers work as a team, assuring strict conformance to this specification as well as customer requirements. A quality assurance system has been implemented. All conversion facilities are certified to ISO 9001.

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PDS SMC US REV02