

**SODIUM MOLYBDATE DIHYDRATE
(SMC)**

DESCRIPTION

Sodium molybdate dihydrate (SMC), represented by the formula $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$ is produced in the USA by Climax Molybdenum Company. It is a white free flowing crystalline solid with a Scott density of approximately 17g/in³.

SPECIFICATIONS

The following specification is based on Climax methods of sampling and analysis, which are available on request.

Percent by Weight

Molybdenum	39.6 min
Water loss at 105°C (221°F)	15.0 max
Insolubles	0.05 max
Chloride	0.02 max
Sulphate	0.07 max
Phosphate	0.01 max
Heavy Metals	0.01 max

PACKAGING

Sodium molybdate is packed in polypropylene bags containing 25 kg product. Tonne lots are palletized with shrink wrapping. The product is available from stocks in the Netherlands.

MSDS REQUIREMENTS

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

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.