

PRODUCT DATA SHEET



AMMONIUM DIMOLYBDATE (ADM)

DESCRIPTION

Ammonium Dimolybdate (ADM) is a chemically pure molybdate which can be represented by the formula $(\text{NH}_4)_2\text{Mo}_2\text{O}_7$. Other product names used to describe ADM are molybdic acid 85%, molybdic acid, and ammonium polymolybdate. ADM is a free flowing crystalline solid with water solubility at 25°C (77°F) of approximately 43g/100cm³. Typical molybdenum content (calculated) for ADM is 56.45%.

SPECIFICATIONS

Percent by Weight

Alkalis (Na + K)	0.0100 max
Aluminum (Al)	0.0015 max
Calcium (Ca)	0.0020 max
Chromium (Cr)	0.0010 max
Copper (Cu)	0.0015 max
Iron (Fe)	0.0015 max
Lead (Pb)	0.0005 max
Magnesium (Mg)	0.0025 max
Nickel (Ni)	0.0010 max
Silicon (Si)	0.0020 max
Tin (Sn)	0.0020 max
Titanium (Ti)	0.0010 max

PACKAGING

EU

US

Bulk bag	1000 kg net	2000 lbs net, 4000 lbs net
Drum	100 kg net (steel)	200 lbs net (fiber)

Produced at Fort Madison, Iowa & Rotterdam, the Netherlands.

SDS REQUIREMENTS

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

QUALITY ASSURANCE / QUALITY CONTROL

All sites are **ISO 9001, 14001, 45001** certified. Analytical methods are available upon request.

CAS No: 27546-07-2 / EINECS No: 248-517-2

PDS ADM REV24-01



ALL MOLYBDENUM PRODUCING SITES
OF FREEPORT-MCMORAN
ARE MOLYBDENUM MARK ASSURED
PRODUCERS



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