

PRODUCT DATA SHEET



AMMONIUM HEPTAMOLYBDATE (AHM)

DESCRIPTION

Ammonium Heptamolybdate Tetrahydrate (AHM) is a high purity product represented by the formula $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$. The product is also known as ammonium paramolybdate, ammonium molybdate 81% or ammonium molybdate tetrahydrate. AHM is distinguished by low trace element concentration and water solubility at 25°C (77°F) of 63.5g/100cm³. Typical molybdenum content (calculated) for AHM is 54.3%.

SPECIFICATIONS

Percent by Weight

Alkalis (Na + K)	0.0070 max
Aluminum (Al)	0.0010 max
Calcium (Ca)	0.0010 max
Chromium (Cr)	0.0007 max
Copper (Cu)	0.0010 max
Iron (Fe)	0.0010 max
Lead (Pb)	0.0005 max
Magnesium (Mg)	0.0010 max
Nickel (Ni)	0.0005 max
Silicon (Si)	0.0010 max
Tin (Sn)	0.0010 max
Titanium (Ti)	0.0005 max

PACKAGING

Bulk bag	2500 lbs net
Steel drum	200 kg net

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: 12027-67-7 / EINECS No: 234-722-4

PDS AHM REV24-01



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OF FREEPORT-MCMORAN
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PRODUCERS



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