Climax Molybdenum
A Freeport-McMoRan Company

AMMONIUM HEPTAMOLYBDATE (AHM)

DESCRIPTION

Ammonium Heptamolybdate Tetrahydrate (AHM) is a chemically pure product represented by the formula $(NH_4)_6\ Mo_7\ O_{24} \cdot 4H_2O$. The product is also known as ammonium paramolybdate, ammonium molybdate 81% or ammonium molybdate tetrahydrate. Ammonium heptamolybdate is distinguished by low trace element concentration and water solubility at 25°C (77°F) of 63.5g/100cm^3.

SPECIFICATIONS

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

	Percent by Weight	
	Typical Analysis	**Specification**
Molybdenum	54.3	-
Alkalies (Na + K)	0.0055	0.0070
Aluminium	0.0002	0.0010
Calcium	0.0007	0.0010
Chromium	0.0002	0.0007
Copper	0.0005	0.0010
Iron	0.0005	0.0010
Lead	0.0002	0.0005
Magnesium	0.0002	0.0010
Nickel	0.0002	0.0005
Silicon	< 0.0010	0.0010
Tin	0.0005	0.0010
Titanium	0.0003	0.0005

PACKAGING

Bulk bag	2100 lb
Fiber drum	300 lb

MSDS REQUIREMENTS

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

CAS No: 12054-85-2

PDS AHM US REV02