

# Product Data Sheet

**(4N) 99.99% Ammonium Dimolybdate**

**Product Code: AM-MOAT2-04**

**Formula:**  $(\text{NH}_4)_2\text{Mo}_2\text{O}_7$

**CAS No.:** 27546-07-2

**EC No.:** 248-517-2

**MDL:** MFCD00010882

## Chemical Identifiers

<b>Linear Formula</b>	$(\text{NH}_4)_2\text{Mo}_2\text{O}_7$
<b>MDL Number</b>	MFCD00010882
<b>EC No.</b>	248-517-2
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	53393737
<b>IUPAC Name</b>	azane; hydroxy-(hydroxy(dioxo)molybdenio)oxy-dioxomolybdenum
<b>SMILES</b>	<chem>N.N.O[Mo](=O)(=O)O[Mo](=O)(=O)O</chem>
<b>Inchl Identifier</b>	InChI=1S/2Mo.2H3N.2H2O.5O/h;;2*1H3;2*1H2;;;;;/q2*+1;;;;;;/p-2
<b>Inchl Key</b>	XUFUCDNVOXXQQC-UHFFFAOYSA-L

**Total Metal Impurities:** 0.01% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.