

Technical Data Sheet

 **NAEWAI CORPORATION**

A-708, Hypex, 240 Pangyoyeok-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Korea
Phone: 82-70-4010-9233
E-mail: info@naewai.com

Ammonium molybdate

Product Identification

Product name : Ammonium molybdate
Chemical Formula : $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$
CAS No. : 12054-85-2

Physical and Chemical Properties

Property	Value / Description
Purity	MoO ₃ 81% min
Physical State	Powder
Color	White
Density	2.498 g/cm ³ (at 25 °C)
Melting Point	Approx. 90 °C (decomposes)
Boiling Point	Approx. 190 °C
Solubility in Water	Highly soluble (> 150 g/l at 20 °C)
Electrical Properties	No data
Stability	Stable under normal storage conditions
Reactivity	Non-flammable; Avoid contact with strong acids and bases

Applications

Photography, analytical reagent for phosphate, lead, arsenate determination, catalyst, chemical synthesis

Packing

25kg net in sealed containers

Shipping Regulations

Not subject to transport regulations

Safety Information

Harmful if swallowed.