

**SAFETY DATA SHEET**  
**AMMONIUM MOLYBDATE 4H<sub>2</sub>O AR**

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

PRODUCT NAME AMMONIUM MOLYBDATE 4H<sub>2</sub>O AR  
PRODUCT NO. 1557  
APPLICATION General chemical reagent  
SUPPLIER Reagent Chemical Services  
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**2 COMPOSITION/INFORMATION ON INGREDIENTS**

EEC (EINECS) NO. 234-722-4

**3 HAZARDS IDENTIFICATION**

Not regarded as a health hazard under current legislation.

CLASSIFICATION -

**4 FIRST-AID MEASURES****INHALATION**

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

**INGESTION**

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!

**SKIN CONTACT**

Immediately remove contaminated clothing. Wash the skin immediately with soap and water. In serious cases obtain medical attention.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIFIC HAZARDS**

In case of fire, toxic and corrosive gases may be formed.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Dampen spillage with water. Transfer to a container for disposal. Wash contaminated area with water.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**AMMONIUM MOLYBDATE 4H2O AR****STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry and cool place.

**STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
AMMONIUM MOLYBDATE 4H2O AR	OES		5 as Mo mg/m3		10 as Mo mg/m3
AMMONIUM MOLYBDATE 4H2O AR	OES		5 mg/m3		10 mg/m3

**ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**RESPIRATORY EQUIPMENT**

In case of inadequate ventilation use suitable respirator.

**HAND PROTECTION**

Wear protective gloves. Rubber or plastic

**EYE PROTECTION**

Wear safety glasses. Use tight fitting goggles if dust is generated.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Solid		
COLOUR	White / off-white		
ODOUR	Ammonia		
SOLUBILITY	Soluble in water		
RELATIVE DENSITY	2.27	pH-VALUE, DILUTED SOLUTION	About 5.3 5

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**11 TOXICOLOGICAL INFORMATION****HEALTH WARNINGS**

The product should be treated with the care and attention appropriate to chemicals.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

ADR CLASS Not classified for transportation.

**15 REGULATORY INFORMATION****RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

NC Not classified.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

