

# ammonium heptamolybdate tetrahydrate

## USAGE POLICY

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NFPA Rating

Health Hazard: 2

Fire: 1

Reactivity Hazard: 0

## HEALTH HAZARDS

- Target Organs: Eyes, skin, Respiratory system
- Potential Health Effects/ Routes of Exposure:
- Eyes: Causes irritation.
- Skin: Causes irritation.
- Ingestion: May cause irritation, vomiting, nausea, and diarrhea. Harmful if swallowed.
- Inhalation: Causes irritation to the respiratory tract **HAZARDOUS**

## DECOMPOSITION PRODUCTS

Oxides of nitrogen

## MATERIALS TO AVOID

NA

## CONDITIONS TO AVOID

Incompatible materials, exposure to moisture, excess heat, dust formation

# PERSONAL PROTECTION

**Engineering Measures/ General Hygiene:** Ensure adequate ventilation. Ensure eyewash and safety showers are available.

**Skin Protection:** Chemical resistant gloves.

**Eye/Face Protection:** Safety Glasses or goggles.

**Respiratory Protection:** If exposure limits reached wear approved NIOSH/MSHA respirator.

## FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Fire & Explosion Hazards: Keep product away from heat and sources of ignition

Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH approved breathing equipment. Thermal decomposition can lead to release of irritating gases and vapors

# FIRST AID MEASURES

## **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

## **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician.

## **In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

## **In case of eye contact**

Flush eyes with water as a precaution.

## **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician

## USERS

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## REFERENCES

- 1) <http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?country=IN&language=en&productNumber=A7302&brand=SIAL&PageToGoToURL=http%3A%2F%2Fwww.sigmaaldrich.com%2Fcatalog%2Fproduct%2Fsial%2Fa7302%3Flang%3Den>
- 2) [http://static.fishersci.com/cmsassets/downloads/segment/ScienceEducation/pdf/Chemicals/MSDS/S25171\\_AM1005.pdf](http://static.fishersci.com/cmsassets/downloads/segment/ScienceEducation/pdf/Chemicals/MSDS/S25171_AM1005.pdf)