



# SAFETY INFORMATION SHEET

## Ammonium Acetate

Ref. 40001/4.0/REG\_USA/EU/EN

Revision: 06/24/2020

Previous date: 07/04/2013

Date of issue: 06/24/2020

### Category 1: Identification of the Substance or Mixture and of the

#### Company/Enterprise

##### Product identification

##### Commercial product name

Ammonium acetate

##### Reach registration number:

01-2119828440-45

##### Relevant identified use of the substance or mixture and discouraged use

##### Use of the substance/mixture

Pharmaceutical products. Surface treatment of metals. Manufacture of plastics. As a catalyst.

##### Recommended restrictions on use

Only for industrial and professional use.

##### Details concerning the issuer of the safety information sheet

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### Category 2: Identification of the Hazards

##### Classification of the mixture

**USA:** This chemical substance is not listed as hazardous in the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**EU:** Not a hazardous substance or hazardous mixture in accordance with Regulation (EC) 1272/2008.

##### Labeling elements

**USA:** Not classified; no label required in accordance with 29 CFR 1910.1200.

**EU:** Not a hazardous substance or hazardous mixture in accordance with Regulation (EC) 1272/2008.

##### Other hazards

No data available



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### **Category 3: Composition and Information Concerning its Constituents**

#### **Substances:**

Ammonium acetate: : CAS 631-61-8  
EINECS 211-162-9

### **Category 4: First-Aid Measures**

#### **Description of first-aid measures**

##### **Inhalation**

Move the casualty into fresh air. Keep the casualty warm and rested. Consult a doctor if feeling unwell.

##### **Contact with the skin**

Rinse with water

##### **Contact with the eyes**

Rinse with plenty of water. If symptoms persist, consult a doctor.

##### **Swallowing**

Rinse the mouth with water. Consult a doctor.

#### **Important symptoms and effects, including acute and delayed**

Symptoms : Can cause minor eye/skin irritation.

#### **Immediate medical care required and special treatment, if applicable**

Treatment : Rinse with water

### **Category 5: Fire-Fighting Measures**

#### **Extinguishing equipment**

Use extinguishing equipment that is suitable for the local conditions and environment. Spray water, foam, powder, or carbon dioxide (CO<sub>2</sub>)

#### **Advice for the fire service**

Wear self-contained breathing apparatus in the event of fire.

#### **Specific methods**

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### **Category 6: Measures in the Event of Inadvertent Release of the Substance**

#### **Personal precautions, protective equipment, and emergency procedures**

Use personal protective equipment. See category 8 for personal protective equipment.

#### **Environmental measures**

Avoid the substance being released into drainage channels and waterways.

#### **Methods and materials for management and cleaning**

Sweep away and place into suitable holders for removal. Small quantities of leaked/spilled substances can be rinsed away with plenty of water.

### **Category 7: Handling and Storage**

#### **Precautions for safe handling**

Keep the holder closed if the product is not being used. Avoid contact with skin, eyes, and clothing.

#### **Conditions for safe storage, including potential incompatibilities**

Store in well-sealed packaging in a dry location at room temperature. Store in the original packaging.

Substances to be avoided: no data available

#### **Specific end use**

Only for professional use.



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### **Category 8: Measures to Protect Against Exposure/Personal Protective Equipment**

#### **Limit values for exposure**

No limit values have been set.

#### **Measures to protect against exposure**

##### **Appropriate technical measures**

Employ good practices in terms of industrial hygiene and safety. Ensure that eye and safety rinses are located close to the workplace location.

##### **Individual protective measures, such as personal protective equipment**

##### **Hand protection**

Glove material: PVC

Glove material: Rubber gloves

##### **Eye protection**

Suitable safety goggles.

##### **Skin and body protection**

Work clothing.

##### **Respiratory protection**

Respiratory protection is not required for normal use. If ventilation is inadequate in an enclosed space, wear respiratory protection. Wear a dust mask in the event of potential exposure.

### **Category 9: Physical and Chemical Properties**

Appearance (physical state, color, etc.): white solid substance, crystalline

Upper/lower limit for flammability or risk of explosion: No data available

Odor: Ammonia

Vapor pressure: No information available

Odor threshold value: No information available

Vapor density: No information available

pH: 6.7-5.3 (5% g/g)

Melting/freezing point: 114°C/237.2°F

Initial boiling point and boiling range: No information available

Flashpoint: No information available

Evaporation speed: No information available

Flammability (solid, gas): No information available

Upper/lower limit for flammability or risk of explosion: No data available

Vapor pressure: No information available

Vapor density: No information available

Relative density: 1170 kg/m<sup>3</sup> / 73 lb/ft<sup>3</sup>

Solubility: 1480 kg/m<sup>3</sup> (4°C) / 92.4 lb/ft<sup>3</sup> (39.2°F)

Partition coefficient n-octanol/water: No information available

Self-ignition temperature: No information available

Decomposition temperature: 90°C/194°F

Viscosity: No information available

### **Category 10: Stability and Reactivity**

#### **Reactivity**

No hazardous reaction known under normal usage circumstances.

#### **Chemical stability**

Stable under normal circumstances.

#### **Possibility of hazardous reactions**

Hazardous reactions:

Not known.

#### **Circumstances to be avoided**

Circumstances to be avoided.

Stable under recommended circumstances of storage. The substance is particularly hygroscopic.

#### **Interacting materials**



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Materials to be avoided:

No data available

### Hazardous degradation products

Hazardous degradation products

Ammonia and acetic acid

## Category 11: Toxicological Information

### Information concerning toxicological effects

#### Acute toxicity

No data available

#### Corrosion/irritation

Skin:

Not classified as irritating to the skin.

Eyes:

Not classified as irritating to the eyes.

#### Sensitization

No data available

#### Long-term toxicity

No data available

### Human experiences

Contact with the skin

Repeated or prolonged exposure

Can cause minor irritation.

Contact with the eyes

Can cause minor irritation.

Swallowing

Swallowing causes irritation of the upper respiratory tract and gastrointestinal complaints.

## Category 12: Ecological Information

### Ecotoxicity effects

#### Aquatic toxicity

No data available

#### Toxicity for other organisms

No data available

### Persistence and degradability

Biodegradable:

Easily biodegradable.

### Possible bioaccumulation

Bioaccumulation is unlikely.

Partition coefficient n-octanol/water: No data available

### Mobility in the soil

#### Mobility

Solubility in water: 1480 kg/m<sup>3</sup> (4°C) / 92.4 lb/ft<sup>3</sup> (39.2°F)

Soluble in water. Remains in liquid state, non-volatile

### Results of PBT and vPvB assessment

This substance is not considered persistent, bioaccumulating, or toxic (PBT).



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### **Category 13: Instructions for Removal**

#### **Waste processing methods**

##### **Product**

Removal in accordance with local and national regulations.

### **Category 14: Information Concerning Transportation**

#### **UN number**

##### **Road transportation**

transportation regulations

Not classified as hazardous in accordance with

##### **Sea transportation**

transportation regulations

Not classified as hazardous in accordance with

##### **Air transportation**

transportation regulations

Not classified as hazardous in accordance with

### **Category 15: Regulatory Information**

#### **Specific safety, health, and environmental regulations/legislation for the substance or mixture**

Water hazard class

1, low hazard to water

(Germany)

### **Category 16: Other information**

Last revised on June 24, 2020 by the EHSQ department at Niacet

#### **Further information**

To the best of our knowledge and according to the information available, the information provided in this safety information sheet was correct on the date of publication. The information provided is intended solely as a guide to safe handling, use, processing, storage, transportation, removal and release of the product and must not be taken as a guarantee or indication of the quality specification. The information relates solely to the specific substance indicated and may not apply to a similar substance, if the substance is used in combination with other substances or within a process, whatever its nature, unless specified in the text.