



# SAFETY DATA SHEET

## Ammonium Acetate

Ref.49223/3.0/REG\_EU/EN

Revision Date: 12.03.2015

Previous date: 01.07.2013

Print Date: 12.03.2015

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product information

**Commercial Product Name**

Ammonium Acetate

**Registration number**

01-2119828440-45

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Use of the Substance/Mixture**

Pharmaceuticals

Surface treatment of metals.

Manufacturing of plastics. Catalyst.

**Recommended restrictions on use**

Reserved for industrial and professional use.

#### 1.3 Details of the supplier of the safety data sheet

Niacet b.v.

P.O. Box 60

4000 AB Tiel

NETHERLANDS

Telephone +31 344-615224, Telefax. +31 344-611475

Tiel@Niacet.nl

Niacet Corporation

400 47<sup>th</sup> Street

Niagara Falls, NY

14304 U.S.A.

Telephone +1 716-285-1474 Telefax +1 716-285-1497

niacetcsr@niacet.com

#### 1.4 Emergency telephone number

For Niacet b.v.Tiel, The Netherlands products: +31 344-615224

For Niacet Corporation, Niagara Falls, U.S.A. products:

Chemtrec +1 (800) 424 9300, +1 (703) 527 3887

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EU) 1272/2008(CLP)**

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### 2.2 Label elements

Further information : The product does not need to be labeled in accordance with EC directives.



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### 2.3 Other hazards

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical Name	CAS-No. EINECS-No. / ELINCS No.	Concentration [%]
ammonium acetate	631-61-8 211-162-9	<= 100

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Skin contact

Rinse with water.

#### Eye contact

Rinse with plenty of water. If symptoms persist, call a physician.

#### Ingestion

Rinse mouth with water. Obtain medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treatment : No information available.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None.

### 5.4 Specific methods

In the event of fire, wear self-contained breathing apparatus.



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### 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. For personal protection see section 8.

#### 6.2 Environmental precautions

Try to prevent the material from entering drains or water courses.

#### 6.3 Methods and materials for containment and cleaning up

Take up mechanically and collect into suitable containers for disposal. After cleaning must be rinsed with plenty of water.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Keep container closed when not in use. Avoid contact with skin, eyes and clothing.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in closed original packing, dry and at room temperature. Do not stack pallets.

Materials for packaging

Suitable material: original container

Materials to avoid:

No information available.

Storage stability:

Other data

Stable at normal ambient temperature and pressure.

#### 7.3 Specific end uses

For industrial use only.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Exposure Limit Values

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

##### 8.2.2 Individual protection measures, such as personal protective equipment

###### Hand protection

Glove material: PVC

Glove material: Rubber gloves

###### Eye protection

Tightly fitting safety goggles.

###### Skin and body protection

Work clothing.



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### Respiratory protection

Respiratory protection is not required under normal handling conditions. In case of insufficient ventilation in a closed area wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General Information (appearance, odour)

Physical state	solid, crystalline
Colour	white
Odour	ammoniacal

#### Important health safety and environmental information

pH	6,7 - 7,3 ( 5 %) (as aqueous solution)
Melting point/range	114 °C
Flash point	136 °C (open cup)
Explosive properties:	
Density	1.170 kg/m <sup>3</sup>
Solubility(ies):	
Water solubility	1.480 kg/m <sup>3</sup> ( 4 °C)
Thermal decomposition	90 °C

### 9.2 Other data

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

### 10.4 Conditions to avoid

Conditions to avoid : Stable under normal conditions.  
The product is very hygroscopic.



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### 10.5 Incompatible materials

Materials to avoid : No information available.

### 10.6 Hazardous decomposition products

Hazardous decomposition products : acetic acid  
ammonia

Thermal decomposition : 90 °C

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

no data available

Remarks: no data available

#### Irritation and corrosion

Skin:  
Not classified as irritating for skin.

Eyes:  
Not classified as irritating for eyes.

#### Sensitisation

no data available

#### Long term toxicity

Other information

no data available

#### Human experience

Skin contact  
Repeated or prolonged exposure,  
May cause mild irritation.



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Eye contact

May cause mild irritation.

Ingestion

Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates. : Remarks: no data available

### 12.2 Persistence and degradability

Biological degradability:

Readily biodegradable

### 12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

### 12.4. Mobility in soil

#### Mobility

Water solubility: 1.480 kg/m<sup>3</sup> ( 4 °C)

Water soluble. Stays in water phase. non-volatile

### 12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

### 12.6 Other adverse effects

None known.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product

Dispose of in compliance with local and national regulations.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

#### Land transport

Not classified as dangerous in the meaning of transport regulations.

#### Sea transport

Not classified as dangerous in the meaning of transport regulations.



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### Air transport

Not classified as dangerous in the meaning of transport regulations.

### 14.6 Special precautions for user

None known.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : The product is classified and labeled in accordance with EC directives or respective national laws.

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

## 16. OTHER INFORMATION

### Training advice

Read the safety data sheet before using the product.

### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

### Additions, Deletions, Revisions

Relevant changes have been marked with vertical lines.