



## SAFETY DATA SHEET

### Magnesium Acetate tetrahydrate

Ref. 50762/2.1/REG\_EU/EN

Revision Date: 16.09.2013

Previous date: 11.06.2013

Print Date:16.09.2013

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

### Product information

#### Commercial Product Name

Magnesium Acetate tetrahydrate

#### Reach Registration number:

01-2119991992-18

### Use of the Substance/Mixture

Catalyst  
Pharmaceuticals

### Company/Undertaking Identification

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](mailto:niacetcsr@niacet.com)

### Emergency telephone

For Niacet b.v.Tiel, The Netherlands products: +31 344-615224  
For Niacet Corporation, Niagara Falls, U.S.A. products: (800) 424 9300, (202) 483-7616

## 2. HAZARDS IDENTIFICATION

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Contains no hazardous ingredients according to EC directives or respective national laws.

### Further information

Magnesium acetate tetrahydrate (CAS: 16674-78-5, EINECS: 205-554-9)

## 4. FIRST AID MEASURES



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#### Inhalation

Move to fresh air. Keep patient warm and at rest. In case of feeling unwell consult a physician.

#### 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.

## 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

#### Extinguishing media which shall not be used for safety reasons

None.

#### Specific methods

The product is flammable but not readily ignited.

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

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

#### Environmental precautions

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

#### Methods for 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

#### Handling

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

#### Storage

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limit Values

#### Exposure controls

##### Occupational exposure controls

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

##### Respiratory protection

Respirator must be worn if exposed to dust. Respirator with a dust filter

##### Hand protection

Glove material: PVC

Glove material: Rubber gloves



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#### Eye protection

Tightly fitting safety goggles.

#### Skin and body protection

Work clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### General Information (appearance, odour)

Physical state	solid, crystalline
Colour	white
Odour	odourless

#### Important health safety and environmental information

pH	7 - 10 ( 5 %) (as aqueous solution)
Flash point	no data available
Explosive properties:	
Lower explosion limit	no data available
Upper explosion limit	no data available
Solubility:	
Water solubility	1.200 kg/m <sup>3</sup> ( 15 °C)
Other data	
Thermal decomposition	135 °C
Melting point/range	80 °C

## 10. STABILITY AND REACTIVITY

#### Conditions to avoid

Stable under normal conditions. The product is hygroscopic.

Thermal decomposition 135 °C

## 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

no data available

#### Irritation and corrosion

Skin:  
Not classified as irritating for skin.

Eyes:  
Not classified as irritating for eyes.



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#### Sensitisation

no data available

#### Long term toxicity

Other information

no data available

#### Human experience

Inhalation

Exposure to dust at high concentrations.,  
May cause irritation of the mucous membranes. May cause irritation of respiratory tract.

Skin contact

Repeated or prolonged exposure,  
May cause mild irritation.

Eye contact

May cause mild irritation.

Ingestion

Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity effects

##### Aquatic toxicity

no data available

##### Toxicity to other organisms

no data available

#### Mobility

Water solubility: 1.200 kg/m<sup>3</sup> ( 15 °C)

Water soluble. Stays in water phase. non-volatile

#### Persistence and degradability

##### Biological degradability:

Readily biodegradable

#### Bioaccumulative potential

no data available

#### Other adverse effects



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#### 13. DISPOSAL CONSIDERATIONS

**Product** Dispose of in compliance with local and national regulations.

#### 14. TRANSPORT INFORMATION

**UN-Number**

**Packing group**

**Land transport**

Not classified as dangerous in the meaning of transport regulations.

**Sea transport**

Not classified as dangerous in the meaning of transport regulations.

**Air transport**

Not classified as dangerous in the meaning of transport regulations.

#### 15. REGULATORY INFORMATION

**Information on the warning label**

**Symbol(s)**

**Hazardous components which must be listed on the label**

**Other information**

The product does not need to be labelled in accordance with EC directives or respective national laws.

#### 16. OTHER INFORMATION

**Text of R-phrases mentioned in Section 3**

**Training advice**

**Restrictions on use**

**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.