



# SAFETY DATA SHEET

## Magnesium Acetate tetrahydrate

Ref.50762/3.0/REG\_USA/EU/EN

Revision Date: 24.06.2020

Previous date: 11.05.2017

Print Date: 24.06.2020

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### **Section 1: Identification**

#### **Product information**

##### **Commercial Product Name**

Magnesium Acetate tetrahydrate

##### **Reach Registration number:**

01-2119991992-18

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

##### **Use of the Substance/Mixture**

Catalyst

Pharmaceuticals

##### **Recommended restrictions on use**

Reserved for industrial and professional use.

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

Niacet b.v.

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NETHERLANDS

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##### **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

### **Section 2: Hazard(s) Identification**

#### **Classification of the substance or mixture**

**USA:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**EU:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.;

#### **Label elements**

**USA:** Not classified; No label required according to 29 CFR 1910.1200.

**EU:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **Other hazards**

**Eyes:** May irritate eyes.



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### Section 3: Composition/Information on Ingredients

#### Substances :

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

### Section 4: First-Aid Measures

#### Description of first aid measures

##### Inhalation

Remove 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.

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

Symptoms : May cause eye irritation.

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

Treatment : No information available.

### Section 5: Fire-Fighting Measures

#### Extinguishing media

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

Unsuitable extinguishing media: None

#### Special hazards arising from the substance or mixture

No hazards to be specially mentioned.

#### Special protective actions for fire-fighters

Standard equipment for firefighting.

#### Specific methods

The product is not classified as flammable.

### Section 6: Accidental Release Measures

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

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

#### Environmental precautions

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

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

Sweep up and shovel into suitable containers for disposal. Smaller spills can be flushed away with plenty of water to remove the product.

### Section 7: Handling and Storage

#### Precautions for safe handling

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

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

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

Materials to avoid: no data available



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### Specific end uses

No data available

## Section 8: Exposure Controls/Personal Protection

### Exposure Limit Values

No Limits set

### Exposure controls

#### Appropriate engineering controls

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

#### 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.

##### Respiratory protection

Respirator must be worn if exposed to dust.

## Section 9: Physical and Chemical Properties

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

Odor: odorless

Odor threshold: No information available

pH: 7 - 10 (5% w/w)

Melting point/freezing point: 80 °C / 176 °F

Initial boiling point and boiling range: No information available

Flash point: No information available

Evaporation rate: No information available

Flammability (solid, gas): Not classified as flammable

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No information available

Vapor density: No information available

Relative density: No information available

Bulk density: No information available

Solubility(ies): 1200 kg/m<sup>3</sup> (15°C) / 74.9 lb/ft<sup>3</sup> (59°F)

Partition coefficient: n-octanol/water: No information available

Auto-ignition temperature: No information available

Decomposition temperature: 135°C / 275 °F

Viscosity: No information available

## Section 10: Stability and Reactivity

### Reactivity

No dangerous reaction known under conditions of normal use.

### Chemical stability

The product is hygroscopic. Stable under normal conditions.



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### Possibility of hazardous reactions

Hazardous reactions: None known.

### Conditions to avoid

Conditions to avoid: Stable under recommended storage conditions.

### Incompatible materials

Materials to avoid: No data available

### Hazardous decomposition products

Hazardous decomposition products: No data available

## Section 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

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

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.

## Section 12: Ecological Information

### Ecotoxicity effects

#### Aquatic toxicity

no data available

#### Toxicity to other organisms

no data available

### Persistence and degradability

Biological degradability:

Readily biodegradable

### Bioaccumulative potential

Bioaccumulation is unlikely.

Partition coefficient: No information available

### Mobility in soil

#### Mobility

Water solubility: Solubility(ies): 1200 kg/m<sup>3</sup> (15°C) / 74.9 lb/ft<sup>3</sup> (59°F)

Water soluble. Stays in water phase. non-volatile



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### Results of PBT and vPvB assessment

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

### Section 13: Disposal Considerations

#### Waste treatment methods

Product

Dispose of in compliance with local and national regulations.

### Section 14: Transport Information

#### 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

Air transport

Not classified as dangerous in the meaning of transport regulations

### Section 15: Regulatory Information

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

Water contaminating class: WGK 1 slightly water endangering  
(Germany)

### Section 16: Other Information

Last revised on 24 June 2020 by Niacet EHSQ department

#### 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.