**Section 1: Identification**

**Product information**

**Commercial Product Name**
Magnesium Acetate anhydrous, Progusta MA, Calprona MA

**Reach Registration number:**
01-2119991992-18

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

**Use of the Substance/Mixture**
- Pharmaceuticals
- Food & Feed material
- Agricultural applications

**Recommended restrictions on use**
Reserved for industrial and professional use.

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

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NETHERLANDS
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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.
SAFETY DATA SHEET
Magnesium Acetate anhydrous

Section 3: Composition/Information on Ingredients

Substances:
Magnesium di(acetate) : CAS 142-72-3
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 (CO2)
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
Specific end uses
Food additive, Preservative, Pharmaceutical, Active substance, Fertilizer.

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: 8 - 10 (10% w/w)
Melting point/freezing point: >300 °C / >572 °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: 1500 kg/m³ / 93.6 lb/ft³
Bulk density: 570-680 kg/m³ / 35-42 lb/ft³
Solubility(ies): 568 kg/m³ (0°C) / 35.5 lb/ft³ (32°F) / 656 kg/m³ (25°C) / 41.0 lb/ft³ (77°F)
Partition coefficient: n-octanol/water: No information available
Auto-ignition temperature: No information available
Decomposition temperature: >300°C / >572 °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.
SAFETY DATA SHEET

Magnesium Acetate anhydrous

Possibility of hazardous reactions
Hazardous reactions: None known.

Conditions to avoid
Conditions to avoid: Stable under recommended storage conditions.
The product is hygroscopic.

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
Low order of acute toxicity.

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. Symptoms: Irritation
Skin contact
Repeated or prolonged exposure,
  May cause mild irritation. Eye contact
  May cause mild irritation. Ingestion

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: 568 kg/m³ (0°C) / 35.5 lb/ft³ (32°F) / 656 kg/m³ (25°C) / 41.0 lb/ft³ (77°F)
Water soluble. Stays in water phase. non-volatile
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

U.S. TSCA Inventory Status: The components of this product are listed on the TSCA Inventory or are exempted from listing.

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

Section 16: Other Information

Last revised on 28 March 2018 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.