



SAFETY DATA SHEET

Magnesium Acetate anhydrous

Ref. 50306/2.1/REG_EU/EN

Revision Date: 16.09.2013

Previous date: 11.06.2013

Print Date: 16.09.2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Commercial Product Name

Magnesium Acetate anhydrous

Reach Registration number:

01-2119991992-18

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

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Niagara Falls, NY
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Telephone +1 716-285-1474 Telefax +1 716-285-1497
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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 preparation according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

None.

Further information

Magnesium di(acetate) (CAS: 142-72-3, EINECS: 205-554-9)

4. FIRST AID MEASURES

Inhalation

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

Skin contact

Rinse with water.



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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 (CO₂)

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus. Splash proof protective suit.

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. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection

Respirator must be worn if exposed to dust.

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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9. PHYSICAL AND CHEMICAL PROPERTIES

General Information (appearance, odor)

Physical state	solid, powder
Color	white, yellow
Odor	odorless

Important health safety and environmental information

pH	8 - 10 (10 g/l)
Flash point	> 250 °C
Dust explosion description number Kst:	41 m.b./s
Minimum ignition energy	>10 J
Explosive properties:	
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	1.500 kg/m ³ 570 - 680 kg/m ³ loose
Solubility:	
Water solubility	568 kg/m ³ (0 °C) 656 kg/m ³ (25 °C)
Other data	
Melting point/range	> 300 °C

10. STABILITY AND REACTIVITY

Conditions to avoid

Stable under normal conditions. The product is hygroscopic.

11. TOXICOLOGICAL INFORMATION

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



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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: 568 kg/m³ (0 °C)

656 kg/m³ (25 °C)

Water soluble. Stays in water phase. non-volatile

Persistence and degradability

Biological degradability:

Readily biodegradable

Bioaccumulative potential

no data available

Other adverse effects

13. DISPOSAL CONSIDERATIONS

Product

Dispose of in compliance with local and national regulations.



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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 labeled in accordance with EC directives or respective national laws.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 3

Training advice

Recommended 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.