

# SAFETY DATA SHEET

## Magnesium acetate anhydrous

02700 4.00 NL Current 10.01.1996

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	01711
Trade Name	Magnesium acetate anhydrous
Manufacturer/Supplier	VERDUGT B.V
Address	PO BOX 60 4000 AB TIEL NETHERLANDS
Phone Number	31(0)344-615224
Fax Number	31(0)344-611475

### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

Product Trivial Name	Magnesium acetate anhydrous
Product Formal Name	Acetic acid, magnesium salt (CH <sub>3</sub> COO) <sub>2</sub> Mg
CAS Number	142-72-3

### 3. HAZARD IDENTIFICATION

Main Hazards	Not classified as hazardous.
Health Effects - Eyes	May cause slight transient irritation.
Health Effects - Skin	Material may cause slight irritation on prolonged or repeated contact.
Health Effects - Inhalation	Exposure to dust at high concentrations may have the following effects:- irritation of nose, throat and respiratory tract.

### 4. FIRST AID MEASURES

First Aid - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with water.
First Aid - Ingestion	Wash out mouth with water. Obtain medical attention.
First Aid - Inhalation	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media	Not readily combustible. Use water spray, foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	None.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective clothing. See section 8.
Environmental Precautions	Try to prevent the material from entering drains or water courses.

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### 6. ACCIDENTAL RELEASE MEASURES (continued)

**Spillages** Sweep up into suitable containers for recovery or disposal. Finally flush area with plenty of water.

### 7. HANDLING AND STORAGE

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

**Storage** Storage area should be: cool, dry. Store in original containers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Control Measures** Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

**Respiratory Protection** Dust mask if conditions are dusty.

**Hand Protection** PVC or rubber gloves.

**Eye Protection** Chemical goggles.

**Body Protection** Normal work wear.

**Protection During Application** Mix in a well ventilated area. If ventilation is poor, wear respiratory protection.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Powder.

**Colour** White. Yellow.

**Odour** Odourless.

**pH** 8 - 10 at 1% w/w in water.

**Melting Point (°C)** Melts above 300.

**Flash Point (PMCC) (°C)** Exceeds 250.

**Solubility in Water (kg/m<sup>3</sup>)** 568 at 0 deg C.  
656 at 25 deg C.

**Density (kg/m<sup>3</sup>)** 1500.  
570 - 680. (loose)

**Dust Explosion Data** Minimum ignition energy > 10.000mJ.  
Maximum explosion pressure 6.5bar.  
Maximum rate of pressure rise 151bar/s.  
KST value 41 bar/m/s.

### 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions. Hygroscopic.

### 11. TOXICOLOGICAL INFORMATION

### 12. ECOLOGICAL INFORMATION

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### 12. ECOLOGICAL INFORMATION (continued)

<b>Mobility</b>	The product is involatile and water soluble and will partition to the aqueous phase.
<b>Persistence/Degradability</b>	The product is readily biodegradable.

### 13. DISPOSAL

<b>Product Disposal</b>	Dispose of in accordance with all applicable local and national regulations.
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### 14. TRANSPORT INFORMATION

<b>UN Class</b>	Not classified.
<b>ADR/RID - Class</b>	Not classified.
<b>IMDG - Class</b>	Not classified.
<b>IATA - Class</b>	Not classified.

### 15. REGULATORY INFORMATION

<b>Labelling Information</b>	<input type="checkbox"/> Not Classified
	<input type="checkbox"/> Not Classified
	<input type="checkbox"/> Not Classified

<b>EINECS Number</b>	2055549
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<b>EINECS Listing</b>	Yes.
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### 16. OTHER INFORMATION

<b>MSDS first issued</b>	18.04.95
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<b>MSDS data revised</b>	10.01.96
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