

# Safety Data Sheet

Issue Date: 30-Jan-2014

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Version: 1

## Section 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

### Product Identifier:

**Product Name:** Magrimax

**Product ID:** 44890225AU

### Other Means of Identification:

**Proper shipping name** Not regulated

**UN Number** Not regulated

### Recommended Use of the Chemical and Restrictions on Use:

**Recommended Use:** Fertilizer. Restricted to professional users.

### Details of manufacturer or importer

#### Manufacturer

Everris Australia Pty Ltd, 211/33 Lexington Drive, Bella Vista, NSW 2153, Australia. Tel: +61(2) 8801 3300

#### Emergency Telephone Numbers:

Australia: (02) 8014 4558

New Zealand: (09) 9929 1483

## Section 2: HAZARD(S) IDENTIFICATION

### GHS - Classification

Mixture

Not a hazardous substance or mixture in Australia or New Zealand according to the Globally Harmonized System of classification.

### Label elements

#### **Signal word**

None

#### **Hazard statements**

Not a hazardous substance or mixture in Australia or New Zealand according to the Globally Harmonized System of classification.

### Other hazards

## Section 3: COMPOSITION AND INFORMATION ON INGREDIENTS IN ACCORDANCE WITH SCHEDULE 8

### Substance

Chemical Name	CAS No	EC-No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Magnesium oxide; MgO	1309-48-4	215-171-9	30 - 60%		Exempt

77% of the other ingredients are determined not be hazardous.

## Section 4: FIRST AID MEASURES

### First Aid Measures:

<b>General advice</b>	First aid measures should be executed by trained personnel only.
<b>Inhalation</b>	Remove to fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary. Possible symptoms are coughing and/or dyspnoea. If breathing is difficult, give oxygen.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Possible symptoms are nausea and/or vomiting. If a person vomits when lying on his back, place him in the recovery position. Do not induce vomiting without medical advice. Consult a physician if necessary.

### Most Important Symptoms and Effects (Acute and Chronic):

**Symptoms** No information available.

### Indication of Any Immediate Medical Attention and Special Treatment Needed:

**Note to physicians** Treat symptomatically.

## Section 5: FIREFIGHTING MEASURES

### Suitable Extinguishing Media

<b>Suitable Extinguishing Media</b>	Dry chemical, CO2, water spray or alcohol-resistant foam.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### Special protective actions for fire-fighters

**Special protective equipment for fire-fighters** Coordinate fire extinguishing measures to fire in surrounding area.

## Section 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

<b>Personal precautions</b>	Ensure adequate ventilation. Avoid generation of dust.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### Environmental Precautions:

**Environmental precautions** Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. See Section 12 for additional Ecological Information.

### Methods and Material for Containment and Cleanup:

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## Section 7: HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

### Precautions for Safe Handling:

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Use personal protection equipment.

### Conditions for Safe Storage, Including any Incompatibilities:

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Protect from sunlight.

**Incompatible materials** Keep away from catalysts like derivatives of hexavalent chromium and metal halides. Keep away from flammable products (fuels) like charcoal, wood, flour, soot etc.

## Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control Parameters:

#### Magnesium oxide; MgO

Australia	10 mg/m <sup>3</sup> TWA fume
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### Appropriate Engineering Controls:

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Individual Protection Measures, Such as Personal Protective Equipment:

**Eye/face Protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Hand Protection** Nitrile rubber. Break through time >8h.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties:

**Physical State:** Solid  
**Appearance:** Granules  
**Color:** grey  
**Odor:** Not significant.  
**Odor Threshold:** No information available  
**Bulk Density:** +/- 1200 kg/m<sup>3</sup>

**pH:** No information available  
 No information available

**Melting Point/Freezing Point:** No information available

<b>Boiling Point/Range:</b>	No information available
<b>Flash Point:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Flammability (solid, gas):</b>	Non-flammable
<b>Vapor Pressure:</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Water Solubility:</b>	No information available
<b>Partition Coefficient:</b>	No information available
<b>Autoignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Kinematic Viscosity:</b>	No information available
<b>Dynamic Viscosity:</b>	No information available

**Other Information:**

<b>Softening Point:</b>	No information available
<b>Molecular Weight:</b>	No information available
<b>VOC Content (%):</b>	No information available
<b>Bulk Density:</b>	+/- 1200 kg/m <sup>3</sup>
<b>particle size</b>	
<b>Particle Size Distribution</b>	

## Section 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:**

**Possibility of hazardous reactions** None under normal processing.

**Hazardous Decomposition Products:** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Conditions to Avoid:**

**Conditions to avoid** For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well.

**Incompatible Materials:**

**Incompatible materials** Keep away from catalysts like derivatives of hexavalent chromium and metal halides. Keep away from flammable products (fuels) like charcoal, wood, flour, soot etc.

**Hazardous Decomposition Products:**

**Hazardous Decomposition Products:** None under normal use conditions.

## Section 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity****Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):****Product Information**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	May cause irritation.
<b>Skin Contact</b>	May cause irritation.

<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
<b>Symptoms</b>	No information available.

**Numerical Measures of Toxicity - Product Information:**

<b>Unknown acute toxicity</b>	No information available
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See section 16 for terms and abbreviations

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:**

<b>skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

<b>Ecotoxicity</b>	Do not allow product to enter the environment uncontrolled.
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**Persistence and degradability**

<b>Persistence and Degradability:</b>	No information available.
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**Bioaccumulative potential**

<b>Bioaccumulation:</b>	No information available.
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**Mobility**

<b>Mobility in soil</b>	No information available.
<b>Mobility</b>	No information available.

**Other adverse effects**

<b>Mobility:</b>	No information available.
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## Section 13: DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

**Section 14: TRANSPORT INFORMATION****ADR/RID:**

<b>UN Number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated

**IATA**

<b>UN-No:</b>	Not regulated
<b>Proper shipping name:</b>	Not regulated

**IMO / IMDG**

<b>UN-No:</b>	Not regulated
<b>Proper shipping name:</b>	Not regulated
<b>Marine Pollutant:</b>	Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No information available

**Section 15: REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Australia**

See section 8 for national exposure control parameters

**International Inventories:**

<b>TSCA</b>	This product does not comply with USINV
<b>DSL/NDSL</b>	DSL/NDSL
<b>EINECS/ELINCS</b>	EINECS/ELINCS
<b>ENCS</b>	This product does not comply with encs:
<b>CHINA</b>	This product does not comply with china:
<b>KOREA</b>	KOREA
<b>PICCS</b>	PICCS
<b>Australian Inventory of Chemical Substances</b>	This product does not comply with AICS

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### International Regulations

Ozone-depleting substances (ODS) Not applied

Persistent Organic Pollutants Not applied

The Rotterdam Convention Not applied

## Section 16: ANY OTHER RELEVANT INFORMATION

Issue Date: 30-Jan-2014

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### Revision Note:

Not applied.

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

### Disclaimer

The information provided in this Material 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

**End of Safety Data Sheet**