



# SAFETY DATA SHEET

## Magnesium Bisglycinate Fortified (Mg 20%)

### Section 1. Identification

<b>GHS product identifier</b>	Magnesium Bisglycinate Fortified (Mg 20%)
<b>Product code</b>	FMG0BGP341OK
<b>Product type</b>	Powder
<b>Identified uses</b>	Formulations for vitamin and sports nutrition companies.
<b>Distributor's details</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Rd Ashmore QLD 4214 Phone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>
<b>Emergency telephone number (with hours of operation)</b>	CHEMTREC Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-527-3887 (collect calls accepted) (24/7)

### Section 2. Hazards identification

This section of the SDS applies when the product is used or handled above recommended amounts.

<b>OSHA/HCS status</b>	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Classification of the substance or mixture</b>	COMBUSTIBLE DUSTS
<b>GHS label elements</b>	
<b>Signal word</b>	Warning
<b>Hazard statements</b>	May form combustible dust concentrations in air.
<b>Precautionary statements</b>	
<b>General</b>	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
<b>Prevention</b>	Not applicable.
<b>Response</b>	Not applicable.
<b>Storage</b>	Not applicable.
<b>Disposal</b>	Not applicable.
<b>Supplemental label elements</b>	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
<b>Hazards not otherwise classified</b>	Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

### Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	Mixture
<b>Other means of identification</b>	Not available.
<b>CAS number/other identifiers</b>	
<b>CAS number</b>	Not applicable.
<b>Product code</b>	FMG0BGP341OK



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There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

This section of the SDS applies when the product is used or handled above recommended amounts.

#### Description of necessary first aid measures

<b>Eye contact</b>	In case of contact, immediately flush eyes with water for at least 15 minutes, preferably using an eyewash station. Remove any contact lens as soon as practical to do so. Get immediate medical attention if irritation occurs.
<b>Inhalation</b>	Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
<b>Skin contact</b>	Wash with soap and water for at least 15 minutes. Get immediate medical attention if irritation develops.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Do not give anything by mouth to an unconscious person.

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

##### Potential acute health effects

<b>Eye contact</b>	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

<b>Eye contact</b>	Adverse symptoms may include the following: Irritation Redness
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

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

<b>Notes to physician</b>	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
<b>Specific treatments</b>	No specific treatment.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)



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### Section 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**

Use dry chemical powder.

**Unsuitable extinguishing media**

Do not use water jet or water-based fire extinguishers.

**Specific hazards arising from the chemical**

Fine dust clouds may form explosive mixtures with air.

**Hazardous thermal decomposition products**

Decomposition products may include the following materials:

carbon dioxide  
carbon monoxide  
nitrogen oxides  
metal oxide/oxides

**Special protective actions for fire-fighters**

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

This section of the SDS applies when the product is used or handled above recommended amounts.

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

**For non-emergency personnel**

Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions**

Not applicable.

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

**Spill**

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



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### Section 7. Handling and storage

This section of the SDS applies when the product is used or handled above recommended amounts.

#### Precautions for safe handling

##### Protective measures

Put on appropriate personal protective equipment (see Section 8). Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation.

##### Advice on general occupational hygiene

Normal good industrial hygiene.

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

Store in accordance with local regulations. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use.

### Section 8. Exposure controls/personal protection

Proper personal protective equipment should be selected and worn when handling this product, as based on a risk assessment performed by a qualified person.

#### Control parameters

##### Occupational exposure limits

None.

##### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

##### Environmental exposure controls

In some cases, dust collection, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual protection measures

##### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Eye/face protection

Safety glasses with side-shields conforming to EN166 / ANSI Z87 additional eye/face protection may be appropriate.

##### Skin protection

###### Hand protection

Handle with gloves. Gloves must be inspected prior to use to ensure there are no holes or tears. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of gloves after use in accordance with applicable laws and good industry practices. Wash and dry hands.

###### Body protection

Wear appropriate clothing such as long sleeves and/or protective coveralls. The type of protective clothing must be selected according to the type, concentration and amount of the substance(s) at the specific workplace.

###### Other skin protection Respiratory protection

Not required under normal conditions of use.

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type P100 (US) or type P3 (EU EN 143) respirator cartridges. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.



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#### Section 9. Physical and chemical properties

##### Appearance

Physical state	Solid. [Powder.]
Colour	White to off-white.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
Boiling point	Not available.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not available.
Lower and upper explosive (flammable) limits	Not available.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Relative density	Not available.
Solubility	Not available.
Partition coefficient n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not applicable.

#### Section 10. Stability and reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible materials	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### Section 11. Toxicological information

##### Information on toxicological effects

##### Acute toxicity

There is no data available.

##### Irritation/Corrosion

There is no data available.

##### Sensitization

There is no data available.

##### Carcinogenicity

There is no data available.



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### Specific target organ toxicity (single exposure)

There is no data available.

### Specific target organ toxicity (repeated exposure)

There is no data available.

### Aspiration hazard

There is no data available.

### Information on the likely routes of exposure

Dermal contact. Eye contact. Inhalation. Ingestion.

### Potential acute health effects

#### Eye contact

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

#### Inhalation

No known significant effects or critical hazards.

#### Skin contact

No known significant effects or critical hazards.

#### Ingestion

No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

#### Eye contact

Adverse symptoms may include the following:  
irritation  
redness

#### Inhalation

No known significant effects or critical hazards.

#### Skin contact

No known significant effects or critical hazards.

#### Ingestion

No known significant effects or critical hazards.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

##### Potential immediate effects

No known significant effects or critical hazards.

##### Potential delayed effects

No known significant effects or critical hazards.

#### Long term exposure

##### Potential immediate effects

No known significant effects or critical hazards.

##### Potential delayed effects

No known significant effects or critical hazards.

### Potential chronic health effects

#### General

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

#### Carcinogenicity

No known significant effects or critical hazards.

#### Mutagenicity

No known significant effects or critical hazards.

#### Teratogenicity

No known significant effects or critical hazards.

#### Developmental effects

No known significant effects or critical hazards.

#### Fertility effects

No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

There is no data available.



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### Section 12. Ecological information

#### Toxicity

There is no data available.

#### Persistence and degradability

There is no data available.

#### Bio-accumulative potential

There is no data available.

#### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** Not available.

**Other adverse effects** No known significant effects or critical hazards.

### Section 13. Disposal considerations

#### **Disposal methods**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

### Section 14. Transport information

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class(es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.
<b>Additional information</b>	-	-	-

#### **Special precautions for user**

**Transport within user's premises** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not available.





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### Section 15. Regulatory information

<b>U.S. Federal regulations</b>	<b>TSCA 8(a) CDR Exempt/Partial exemption:</b> Not determined <b>United States inventory (TSCA 8b):</b> Not determined.
<b>Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)</b>	Not listed
<b>Clean Air Act Section 602 Class I Substances</b>	Not listed
<b>Clean Air Act Section 602 Class II Substances</b>	Not listed
<b>DEA List I Chemicals (Precursor Chemicals)</b>	Not listed
<b>DEA List II Chemicals (Essential Chemicals)</b>	Not listed
<b><u>SARA 302/304</u></b>	
<b><u>Composition/information on ingredients</u></b>	No products were found.
<b>SARA 304 RQ</b>	Not applicable.
<b><u>SARA 311/312</u></b>	
<b>Classification</b>	Fire hazard
<b><u>Composition/information on ingredients</u></b>	No products were found.
<b><u>State regulations</u></b>	
<b>Massachusetts</b>	The following components are listed: Magnesium oxide
<b>New York</b>	None of the components are listed.
<b>New Jersey</b>	The following components are listed: Magnesium oxide
<b>Pennsylvania</b>	The following components are listed: Magnesium oxide
<b><u>California Prop. 65</u></b>	
Bulk product not labeled for Proposition 65 compliance.	
<b><u>International regulations</u></b>	
<b>International lists</b>	<b>Australia inventory (AICS):</b> Not determined. <b>China inventory (IECSC):</b> Not determined. <b>Japan inventory:</b> Not determined. <b>Korea inventory:</b> Not determined. <b>Malaysia Inventory (EHS Register):</b> Not determined. <b>New Zealand Inventory of Chemicals (NZIoC):</b> Not determined. <b>Philippines inventory (PICCS):</b> Not determined. <b>Taiwan inventory (CSNN):</b> Not determined.
<b>Chemical Weapons Convention List Schedule I Chemicals</b>	Not listed
<b>Chemical Weapons Convention List Schedule II Chemicals</b>	Not listed
<b>Chemical Weapons Convention List Schedule III Chemicals</b>	Not listed





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### Section 16. Other information

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#### History

<b>Date of issue mm/dd/yyyy</b>	07/13/2020
<b>Version</b>	2
<b>Revised Section(s)</b>	Not applicable.
<b>Key to abbreviations</b>	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMOG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named distributor, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Conforms to HazCom 2012/United States