

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name: Magnesium Carbonate Group P
Product Code: SPB0475

Application of the mixture: Powder products

CAS No: 12-125-28-9

Company Name and Address:

Bellitas Ltd,
Unit 12 Prospect Drive,
Britannia Enterprise Park,
Lichfield,
Staffs.
WS14 9UX

Emergency Telephone No: +44 (0) 1543 416611

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC 1272/2008
Product is not Hazardous, nor classified under EC1272/2008

The full text for all Risk Phrases and Hazard Statements are displayed in section 16

2.2 Label Elements

Signal word: None

Hazard Statements:
Product is not Hazardous, nor classified under EC1272/2008

Precautionary Statements:
P402+404: Store in a dry place. Store in a closed container.
P410+403: Protect from sunlight. Store in a well-ventilated place.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable – product is a mixture

3.2 Mixtures/Ingredients

Magnesium Carbonate Hydroxide

Name/Form.	CAS / EC No.	Concentration	Classification
M8660	12-125-28-9	<100%w/w	Product has no classifications

Main Active(s)

The full text for all R-Phrases and Hazard Statements are displayed in section 16

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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation This product does not contain any volatile substances.
Skin Contact Wash well with water; if irritation persists seek medical advice.
Eye Contact Wash well with water; if irritation persists seek medical advice.

Accidental Ingestion Drink milk or water.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation Symptoms unlikely from small amounts.
Skin Contact Prolonged skin contact may cause drying of the skin.
Eye Contact If powder gets into the eyes it may cause redness, stinging, watering of the eye.
Ingestion Ingestion of the powder may cause irritation to the throat and mouth.

4.3 Indication of any immediate and any special treatment needed

Immediate / special treatment Symptomatic treatment as required

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use: Not flammable, extinguishing not required.

Avoid: Spread of leaking liquid or powder.

5.2 Special Hazards arising from the substance or mixture

No immediate fire hazard.
No vapours likely from this product.
No toxic gases emitted from this product.

5.3 Advice for firefighters

Wear suitable gloves for clean up.
Breathing apparatus only required if pungent smell exists.
Do not allow solutions to run off into drains.

Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear gloves when handling spillages.
Use respiratory protection device against the airborne particles.
Keep away from ignition sources.

6.2 Environmental precautions

Avoid spreading of the material. Vacuum in a well ventilated room.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid binding material, vermiculite, sand, earth or suitable inert absorbent material.
Rinse site with copious amounts of water, which should not be allowed into drains, sewers or watercourses
Ensure adequate ventilation

6.4 Reference to other sections

See section 7 for information on safe handling
See section 8 for information on protective equipment
See section 13 for disposal information

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid ingestion and skin contact. Minimise personal exposure to the product.
Ensure good interior ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Store in a cool, dark place for maximum shelf life.

Incompatibilities

Store away from oxidising agents.
Store away from alkalis (caustic solution).
Store away from acids.

7.3 Specific end use(s)

No special precautions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

Name	Std	TWA 8 hour exposure limit	STEL 15 minute exposure limit	Source/Type
DNELS		Worker		Consumer
		Systemic affects		Systemic effects
Human oral		none stated		
Human dermal				
Human inhalation				
Human inhalation				

PNECS

PNEC Aqua (Freshwater)
PNEC Aqua (Marine)
PNEC Sediment
PNEC Soil

8.2 Exposure controls

Engineering measures	Provide eyewash station.
Respiratory protection	If ventilation is insufficient suitable respiratory equipment must be provided.
Hand protection	For prolonged contact with the product wear suitable gloves.
Eye protection	Wear approved safety goggles where necessary.
Skin protection	Remove excess product from the skin.
Other protective & hygiene measures	Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Appearance	Powder.
Odour	Fragranced with perfume or essential oils.
Odour threshold	Not determined
pH value	n/a
Solubility in water	Soluble or dispersible in water
Initial boiling point/boiling range °C	None specified
Melting Point / range °C	None specified
Flash point °C	Not flammable
Upper/lower flammability limits	Typically 2-12%
Vapour pressure at 20°C	None specified
Vapour density at 20°C	None specified
Auto ignition temperature °C	None specified
Alcohol content	None
Specific gravity	n/a
Viscosity at 20°C	Solid

9.2 Other information

None

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SECTION 10: Stability and reactivity

10.1 Reactivity

Not considered to be reactive

10.2 Chemical stability

Stable under normal conditions and storage. See section 7

10.3 Possibility of hazardous reactions

Will not polymerise.

10.4 Conditions to avoid

High temperatures and direct sun light. Humid or damp conditions.

10.5 Incompatible materials

Strong oxidising agents, strong acids, strong alkalis.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may include oxides of carbon or nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Acute toxicity

Inhalation

No known inhalation effects.

Skin contact

Prolonged and frequent exposure may cause minor skin irritations.

Ingestion

Gastrointestinal symptoms, including upset stomach

Eye contact

Irritating to the eyes

Comments

This product has been assessed as safe to use under normal conditions of use and according to instructions.

SECTION 12: Ecological information

This product has not been subjected to toxicological testing. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

This product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

12.1 Toxicity

Toxicity to fish

No data available.

Toxicity to invertebrates

No data available.

Toxicity to algae

No data available.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulation

No data available.

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13: Disposal considerations

Dispose according to local authority regulations.

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SECTION 14: Transport information

14.1 UN number

UN No. (ADR/RID/IMDG/IATA)

No

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

ADR, IMDG, IATA

None Flammable liquids
None Label Class

14.4 Packing group

None (ADR/RID/AND/IMDG/ICAO,IATA)

14.5 Environmental hazards

Marine pollutant

None

14.6 Special precautions for user

Danger code (Kemlar)/hazard no. (ADR)

None

EMS no.

None

Stowage category

B

Tunnel restriction code

None

14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not applicable

14.8 Additional information

Limited quantities (LQ)

None Litre(s)

EC N°

SECTION 15: Regulatory information

15.1 Safety, health and environment regulations/legislation specific for the substance or mixture

All components are listed as existing substances in Europe

15.2 Chemical safety assessment

Complies with EC 1907/2006 REACH Regulation and EC 1272/2008 CLP for Substances and Mixtures Regulation.

SECTION 16: Other information

Classification of the mixture is in general based on calculation method using substance data, as required by (EC) 1272/2008

Abbreviations and acronyms used in the safety data sheet

CAS No	Chemical Abstracts Service number
DNEL	Derived No-Effect Level
EC	European Community
EEC	European Economic Community
EMS No	Emergency Response Procedure number
Eye Irrit.	Eye Irritant
Flam. Liq.	Flammable Liquid
hPa	1 hPa = 100 Pa (Pascal)
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
PBT	Persistent, Bio accumulative and Toxic
PNEC	Predicted No-Effect Concentration
Ppm	Parts Per Million
REACH	Registration, Evaluation, Authorisation and Restrictions of Chemicals
STOT	Specific Target Organ Toxicity
vPvB	Very Persistent and Very Bio accumulative
WEL	Workplace Exposure Limit

Hazardous and Precautionary Statements in full used in section 2 and 3

Hazard Statements:

Product is not Hazardous, nor classified under EC1272/2008

Precautionary Statements:

P402+404: Store in a dry place. Store in a closed container.

P410+403: Protect from sunlight. Store in a well-ventilated place.

Version 20: 1

Issue Date: 06/01/2021

WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS SAFETY DATA SHEET. IT IS THE USERS OBLIGATION TO DETERMINE CONDITIONS OF SAFE USE OF THIS PRODUCT.