

SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : **Omyapro Calcium**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use : Agricultural Industry
Out-door use
Fertilization- fertilizing material; Fertilizers or amendment or cultivation support (according to the composition)

Recommended restrictions on use: Other industries not mentioned are excluded.

1.3 Details of the supplier of the safety data sheet

Supplier : HUMIBOX (M) SDN. BHD.
Lot 1033, Tingkat 3, Batu 7,
Jalan Ipoh, 68100, Batu Caves,
Selangor D.E., Malaysia.
Tel: +603-6185 1898

2. Composition/information on ingredients

2.1 Substances

Calcium carbonate (GCC) fine powder

2.2 Ingredients

Natural Calcium Carbonate $\geq 85 - < 100$ % w/w

3. Hazards identification

3.1 Classification of the substance or mixture

Non-hazardous substance or mixture.

3.2 Other hazards.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
No information available.

4. First aid measures

4.1 Description of first aid measures

Eye contact	Flush eyes with water as precaution. Remove contact lenses. Keep eye wide open while rinsing. Get medical attention if irritation develops or persists.
Skin contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do not give milk or alcoholic beverage. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

5. Fire-fighting measures

5.1 Extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

The product is non-combustible.

5.3 Advice for fire-fighters

Self-contained breathing apparatus, operated in positive pressure mode and full protective clothing must be worn in case of fire. Standard procedure for chemical fires.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Ensure adequate ventilation.

6.2 Environmental precautions

No special environment precautions required.

6.3 Methods and material for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage

7.1 Precautions for safe handling

Provide adequate ventilation. Use work methods which minimise dust production. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Do not store near acids. Non Combustible Solids. Keep in a dry place. No decomposition if stored and applied as directed.

8. Exposure controls/personal protection

8.1 Control parameters

No biological exposure limits noted for the ingredients. Follow standard monitoring procedures.

8.2 Exposure controls

Eye/Face Protection	Wear dust-resistant safety goggles where there is danger of eye contact.
Skin Protection	Wear suitable protective gloves to prevent cuts and abrasions. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing.
Respiratory Protection	In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with a particle filter P2 (EN 143)

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Powder
Colour:	White
Form:	Granules
Odour:	characteristic
Melting point/range:	> 800°C (1.013 hPa) Decomposition: Decomposes below the melting point.
Initial boiling point and boiling range:	Decomposition: Decomposes below the boiling point.
Flash point	Does not flash
Evaporation rate:	Not applicable
Flammability (solid, gas)	Not flammable

Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	Not applicable
Density:	2.3 – 2.8 g/cm ³ (20°C) Method: DIN-ISO 787/10
Water Solubility:	0.014 g/l (20°C, 1.013hPa)
Partition coefficient n-Octanol/water:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	>600°C
Explosive properties:	Explosive Acc. EU Legislation: Not explosive Explosive Acc. Transp. Regul.: Not explosive
Minimum ignition energy	> 1.000 mJ (20 °C, 1.013 hPa)

10. Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Stable under recommended storage conditions. No decomposition if used as directed.

Reacts with acids. If forms carbon dioxide (CO₂). This displaces the oxygen in the air in closed spaces. (danger of suffocation)

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Carbon dioxide (CO₂)

11. Toxicological information

11.1 Information on toxicological effects

There is no data to hand indicating any particular target organs.

12. Ecological information

12.1 Toxicity

Component

Natural Calcium Carbonate.:

Toxicity to fish:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 10.000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates:	EC50 (Daphnia magna (Water flea)): > 1.000 mg/l Exposure time: 48 h
Toxicity to algae:	EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l Exposure time: 72 h

12.2 Persistence and degradability:

Product:

Biodegradability: Not applicable

12.3 Bioaccumulative potential:

Components:

Natural Calcium Carbonate.:

Partition coefficient:
n-octanol/water: Not applicable

12.4 Mobility in soil:

No data available

12.5 Other adverse effects

Product:

Additional ecological information: In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters. These minerals are not biodegradable. Negative effects on the environment should therefore be excluded. Restrictions may indicate that concentrated suspensions with these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and -

fauna in the sediment and subsequent detriment to the existence of higher water organisms).

13. Disposal considerations

13.1 Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

15. Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants: Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident: Not applicable

hazards involving dangerous substances:

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.:

Not applicable

15.2 Packaging and labelling

Keep away from foodstuff and children. Read the label before use.

16. Other information

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