

SAFETY DATA SHEET

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

1.1 Product identifier

Product name : **CALCIPRILL S14**

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

Use : Soil amendment

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

High purity Calcium Carbonate

2.2 Ingredients

Ca	30%
SO ₃	35%

3. Hazards identification

3.1 Classification of the substance or mixture

Non-hazardous substance or mixture.

3.2 Physical and health hazards.

Not classified

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 drink afterwards 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.

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.

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:	Off white
Form:	Granules
Odour:	Barely perceptible odour
Physical State:	Solid
Melting point/range:	> 800°C (1.013 hPa)
Initial boiling point and boiling range:	Decomposition: Decomposes below the boiling point.
Evaporation rate:	Not applicable
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not applicable
Density:	2.6 – 2.8 g/cm ³ (20°C)
Bulk density:	1.2 kg/l
Water Solubility:	0.014 g/l (20°C, 1.013hPa) 0.018 g/l (75°C, 1.013hPa)
Partition coefficient n-Octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	>600°C
Viscosity, dynamic:	Not applicable
API Value	110

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. It forms carbon dioxide (CO₂). This displaces the oxygen in the air in closed spaces. (danger of suffocation)

10.4 Conditions to avoid

Moisture

10.5 Incompatible materials

Acids

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

The 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.

12.2 Persistence and degradability:

No data available

12.3 Bioaccumulative potential:

The product is not expected to bioaccumulate.

12.4 Mobility in soil:

Not available

13. Disposal considerations

13.1 Waste treatment methods

In accordance with local and national regulations.

13.2 Disposal of packaging



Dispose in accordance with all applicable regulations.

14. Transport information

This product does not require a classification for transport.

15. Regulatory information

15.1 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

15.2 Packaging and labelling

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

16. Other information

This data sheet is intended to provide general information. The suitability of this product for any particular application depends upon many factors which are beyond the control of Humibox (M) Sdn. Bhd. Humibox makes no warranties, representations or guarantees as to the suitability of this product for the particular application of the purchaser. Humibox hereby disclaims any responsibility for any loss or damage whatsoever arising from the use of this product or reliance in whole or in part on this Data Sheet.