

SAFETY DATA SHEET

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

1.1 Product identifier

Product name : REAKTIF

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

Use : Soil acidity corrector

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

Ultra-fine liquid lime

2.2 Ingredients

- ❖ CaO min. 30% w/w
- ❖ MgO max. 1.0% w/w

3. Hazards identification

3.1 Classification of the substance or mixture

Non-hazardous substance or mixture.

3.2 Other hazards.

Not available

4. First aid measures

4.1 Description of first aid measures

Eye contact Contact with liquid may cause eye irritation. In case of contact, flush eyes with water immediately as precaution. Remove contact lenses. Keep eye wide open while rinsing. Get medical attention if irritation develops or persists.

Skin contact Contact by liquid may cause skin irritation or dermatitis in sensitive individuals. Wash with soap and water. Get medical attention if irritation develops or persists.

Inhalation	Move victim to fresh air. Apply resuscitation if victim is not breathing. Seek medical attention.
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

Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA). Standard procedure for chemical fires.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment. Material is slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this SDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal.

6.2 Environmental precautions

Scrape up wet material and place in an appropriate container. Allow the material to "dry" before disposal.

6.3 Methods and material for containment and cleaning up

Dispose of waste material according to local, state and federal regulations.

7. Handling and storage

7.1 Precautions for safe handling

Not classified as dangerous.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry area. Keep container closed when not in use. Keep out of reach of children.

8. Exposure controls/personal protection

8.1 Control parameters

Adequate ventilation required to maintain a fresh air flow.

8.2 Exposure controls

Eye/Face Protection	Goggles or face shield.
Skin Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate use respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	White
Odour:	Slightly odour.
Physical State:	Liquid
pH:	8.0-9.0 (1:5 dilution)
Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	No data available
Evaporation rate:	No data available
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	1.516
Solubility:	Soluble in water
Partition coefficient n-Octanol/water:	No data available

10. Stability and reactivity

10.1 Chemical stability

Stable under normal temperatures and pressures.

10.2 Possibility of hazardous reactions

No data available

10.3 Conditions to avoid

None

10.4 Incompatible materials

Strong Acids or Alkali and strong Oxidizers.

10.5 Hazardous decomposition products

Carbon Monoxide and Carbon Dioxide.

11. Toxicological information

11.1 Information on toxicological effects

N/A

12. Ecological information

12.1 Toxicity

None

12.2 Persistence and degradability:

No data available

12.3 Bioaccumulative potential:

No bioaccumulation is to be expected

12.4 Mobility in soil:

Superior soil penetration

13. Disposal considerations

13.1 Waste treatment methods

If product can not be disposed of according to use directions on label.
Dispose of in accordance with local, state, and federal regulations.

13.2 Disposal of packaging

Dispose of as normal industrial waste.

14. Transport information

14.1 UN Number

ADR/RID: N/A

IMDG: N/A

IATA: N/A

14.2 UN Proper shipping name: N/A

14.3 Transport hazard class(es): not applicable

14.4 Packing group: N/A

14.5 Environmental Hazards

ADR/RID: No

IMDG Marine Pollutant: No

IATA: No

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

Malaysia Regulation: 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.