

## SAFETY DATA SHEET

### 1. Identification of the product and the company/undertaking

#### 1.1 Product identifier

Product name : HUMIBOX BOX-Ca

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

Use : Fertilizer

#### 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 ACTIVE INGREDIENT AND CONCENTRATION (% W/V):

Total Organic matter	9.0
Total nitrogen (N)	3.6
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	0.3
Potassium (K <sub>2</sub> O)	4.8
Calcium (CaO)	6.0
Magnesium (MgO)	0.02

The concentration of the rest of the elements it is low than 0.1 % W/V

### 3. Hazards identification

**3.1 Handling:** Special risks are not given during the normal manipulation, nevertheless it is recommended to keep in mind the normal precautions in the handling of fertilizers and chemical products:

- Avoid all contact with the eyes and the skin.
- Use appropriate clothing: gloves resistant to chemical products, protective goggle.
- Handle in a well ventilated place.
- Protect from flammable sources.

**3.2 Flammability:** No

**3.3 Reaction with water:** No

**3.4 Extinguishing media:** Water

## 4. First aid measures

### 4.1 Contact with the eyes

Wash with plenty of water for at least 15 minutes, including under the eyelid. Seek medical attention.

### 4.2 Contact with the skin

Remove contaminated clothing. Wash the affected areas with plenty of water. If irritation persists, seek medical attention.

### 4.3 Inhalation

Go outdoors and keep the person in rest position if the person is unconscious. If it is necessary, carry out assisted breathing. Seek medical attention.

### 4.4 Ingestion

Drink plenty of water immediately. Do not induce vomiting. Seek medical attention. Do not give the person to drink anything In case he is unconscious and to go to the doctor immediately.

## 5. Fire fighting measures

### 5.1 Extinguishing media:

Standard fire-fighting agents, such as fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

### 5.2 Special hazards arising from the substance or mixture

No special hazard

### 5.3 Advice for fire-fighters

Self-contained breathing apparatus and full protective clothing should be worn when put off fires caused by chemicals. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

## 6. Accidental release measures

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

Avoid inhalation of vapors/spray and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers or watercourses.

### 6.3 Methods and material for containment and cleaning up

Clean equipment after use with water.

## 7. Handling and storage

### 7.1 Procedure of handling and storing

Keep away from foods and drinks. Keep out of reach of the children. Transport in their original packing under normal conditions. Protective measures: gloves resistant to chemical products, protection goggle. Don't drink or eat during handling. After use, wash hands and face with water. Avoid direct sunlight and other sources of heat. Store in a well ventilated place.

## 8. Exposure controls/personal protection

### 8.1 Exposure controls

Skin exposure should be kept minimal.

### 8.2 Personal protection

No special personal protective equipment required. Just wearing gloves, long pants, and long sleeved shirts. If splashing may occur, wear protective goggles. Always wash hands before smoking, eating, drinking or using the toilet.

## 9. Physical and chemical properties

### 9.1 information on basic physical and chemical properties

State (at room temperature): Liquid

Colour: Blackish brown

Density: 1.22 g/cm<sup>3</sup>

pH= 5-6

Solubility in water: soluble

## 10. Stability and reactivity

This material is stable under normal use and storage conditions. There may be some settling of solids if the material is stored for long periods. This product is not a reactivity or polymerization hazard.

## 11. Toxicological information

**11.1 Inhalation LC50:** it doesn't proceed

**11.2 Irritability:** Eyes: YES

Skin: NO

## 12. Ecological information

### 12.1 Resistance and degradability

Avoid all contamination in soil and water. If the product has penetrated into a watercourse or sewer, or if it has contaminated the soil or vegetation, report to the authorities.

The containers and empty drums can be disposed of at approved incineration plants or land filling areas.

The product is biodegradable.

## 13. Disposal considerations

### 13.1 Waste treatment methods

Dispose of this material as recommended by federal, state, and local regulations.

## 14. Transport information

<u>Class</u>	<u>Hazard labels</u>
IATA	Not classified
IMDG	Not classified
TPC/ADR	Not classified

## 15. Regulatory information

Non dangerous product according to CE normative.

Sentence of risk:

S-02: Keep away of the reach of the children

S-46: In the event of ingestion, go immediately to the doctor and show him the label or the drum.

## 16. Other information

Product should be store, handled and used in accordance with good industrial hygiene practises and in conformity with any legal regulations. The information contained here is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.