

## SAFETY DATA SHEET

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

#### 1.1 Product identifier

Product Name : Liquid fertilizer  
Commercial name : **MBF**

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

Use : Agricultural use in soil

#### 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):

Nitrogen (N)	1.1
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	1.1
Potassium (K <sub>2</sub> O)	4.4
Magnesium (MgO)	2.24
Iron (Fe)	11,200ppm
Boron (B)	5,600ppm

### 3. Hazards identification

#### 3.1 Generally, this material is not hazardous in normal handling.

##### Effects of Exposure

- 1) Eye : Contact with liquid may cause eye irritation
- 2) Skin contact : Contact with liquid can cause irritation
- 3) Ingestion : Mouth and throat burning if swallowed
- 4) Inhaled : Inhalation is low due to the product in liquid form

### 4. First aid measures

#### 4.1 Contact with eyes

Flush eyes with plenty of water for 15 minutes, including under the eyelid.

#### 4.2 Contact with skin

Remove contaminated clothes. Wash affected areas with soap and water. Seek medical advice if irritation persists.

#### **4.3 Inhalation**

If inhaled, lay the person down in an open-air location. Do make sure the person is breathing, perform CPR if needed. Once the person is breathing normally, seek medical attention immediately.

#### **4.4 Ingestion**

Drink water immediately. Seek medical advice if unconscious.

### **5. Fire fighting measures**

#### **5.1 Extinguishing media:**

Standard fire-fighting agents, such as water.

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

Non-combustible.

#### **5.3 Advice for fire-fighters**

Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires. 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 up spillages with a broom and clean 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 packaging under normal conditions. Protective measures: gloves resistant to chemical products, protective goggle. Avoid direct sunlight and other sources of heat. Store in a well ventilated place.

## 8. Exposure controls/personal protection

Exposure limit : Not applicable  
Respiratory Protection : Not applicable  
Protective Gloves : Use cotton/rubber gloves to prevent direct contact  
Eye Protection : Chemical type goggles

## 9. Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Appearance : Blackish brown liquid  
Odour : No odour  
Vapour Pressure : None  
Density : 1.22kg/L  
Solubility in water : Soluble  
Flashpoint : None  
Flammability Limit : Non-combustible

## 10. Stability and reactivity

Stability : Stable  
Decomposition Product : None expected

## 11. Toxicological information

Toxicity Data : Non-toxic  
Carcinogenicity : Non-carcinogen  
Reproduction Effects : Not determined  
Chronic Effects : Not determined

## 12. Ecological information

Mobility : Not applicable  
Bioaccumulation : Not applicable  
Biodegradability : Not biodegradable  
Aquatic Toxicity : Not applicable

## 13. Disposal considerations

### 13.1 Waste treatment methods

Disposal method in accordance with all applicable national environmental laws and regulations

#### 14. Transport information

Proper Shipping Name : Not allocated  
Dangerous Good Class : Not allocated  
Subsidiary Risk : Not allocated  
Packing Group : Not allocated  
Hazchem Code : None allocated

#### 15. Regulatory information

Risk / Safety Phrases

S24 & S25 Avoid contact with skin & eyes

S26 In case contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/S37 Wear suitable protection and gloves

S39 Wear eye/face protection

#### 16. Other information

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