

SAFETY DATA SHEET

1. Identification of the product and the company/undertaking

1.1 Product identifier

Product Name : Liquid fertilizer

Commercial name : **STAR**

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)	8.0
Phosphorus (P ₂ O ₅)	4.5
Potassium (K ₂ O)	10.5
Calcium (CaO)	0.32
Magnesium (MgO)	0.06
Sulphur (S)	0.19

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 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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