

<b>MARGO</b>	<b>Margo Biocontrols Pvt. Ltd., Tumkur, Karnataka</b>	
	Document: Material Safety Data Sheets	Document No: QF/MBC/PROD/MSDS/011
	Title : MSDS of ECOHUME® MAGIC	Rev. : 00 Rev. Date: 02.05.2018

### **MATERIAL SAFETY DATA SHEET**

#### **ECOHUME® MAGIC** (Humic Substances)

**MARGO BIO-CONTROLS PRIVATE LIMITED**  
**NO: 344/8, IV MAIN**  
**SADASHIVANAGAR**  
**BANGALORE-560 080**  
**TEL: 080-23613051-3**

#### 1. **PRODUCT INFORMATION :**

Product Name : ECOHUME® MAGIC  
Chemical family : Humic substances  
Scientific Name : Humic acid and Fulvic acid

#### 2. **COMPOSITION/INFORMATION ON INGREDIENTS :**

##### **COMPONENTS**

##### **COMPOSITION (%)**

Humic Substance	:	20.0% (Min.)
(Humic acid, Fulvic acid & Humin)	:	
Nitrogen	:	3.0% (Min.)
Phosphorus	:	3.0% (Min.)
Potassium	:	3.0% (Min.)
Total Dissolved Solids	:	29.0% (Min.)
Aqua Base	:	71.0%

#### 3. **HAZARDOUS IDENTIFICATION :**

##### **EMERGENCY OVERVIEW**

This is a natural product of biological origin. It is a dark brown/black liquid, which is intended for use as a biological soil conditioner and crop booster. There is no specific antidote if this product is ingested. Treat symptomatically. If a large amount has been ingested, give plenty of water to drink and seek medical attention.

#### 4. **POTENTIAL HEALTH EFFECTS :**

Route(s) of entry : Eyes, skin, oral.

Human Effects and symptoms of exposure : No known effect.

Acute Eye contact : May cause mild irritation.

Chronic Eye contact : Chronic exposure not likely from Normal use.

Acute skin contact : No skin irritation

Chronic skin contact : No skin irritation

Chronic ingestion	:	Chronic exposure not likely from Normal use.
Acute inhalation	:	Non-irritant to mucous membrane.
Chronic inhalation	:	Chronic inhalation not likely from Normal use.

5. **FIRST AID MEASURES :**

If poisoning is suspected, immediately contact a physician, the nearest Hospital or the nearest Poison Control Centre. Tell the person contacted the complete product name and the type and amount of exposure. Describe any symptoms and follow the advice given.

First aid for eyes	:	Immediately rinse eyes with a lot of water. Seek advice of a physician, if necessary.
First aid for skin	:	Wash with plenty of soap and water, Including hair, and under fingernails. Seek Medical attention, if necessary.
First aid for ingestion	:	If victim is fully conscious, immediately give large quantities of water to drink and get medical help.

6. **FIRE FIGHTING MEASURES :**

Extinguishing media	:	Dry chemical, foam or carbon dioxide.
Unusual fire and explosion hazards	:	None known.
Special fire fighting procedures	:	None.

7. **ACCIDENTAL RELEASE MEASURES.**

Spill or leak procedures	:	Absorb the liquid and scrub the area with 1.5% bleach solution.
Disposal	:	Apply to farm land / lawn.

8. **HANDLING AND STORAGE :**

Storage temperature ( Min./Max. )	:	Room temperature.
Shelf life ..	:	Stable
Special sensitivity ..	:	None known
Handling and storage precautions	:	Store the material in a well ventilated, secure area out of the reach of children and domestic animals.

9. **PHYSICAL AND CHEMICAL  
PROPERTIES :**

Physical form	:	Liquid
Colour	:	Dark brown/Black
Odour	:	Grassy Floral Odour
Boiling point range	:	98 - 102°C
Flash point	:	> 100°C
pH of 1% soln	:	8.0 +/- 1.0
Humic substance	:	20.0% (Min.)
Nitrogen	:	3.0% (Min.)
Phosphorus	:	3.0% (Min.)
Potassium	:	3.0% (Min.)
Solubility in water	:	Soluble
Specific gravity	:	1.20 +/- 0.05

10. **STABILITY AND REACTIVITY :**

Stability	:	Stable
Incompatibilities	:	None noted
Decomposition	:	Easily biodegradable

11. **TOXICOLOGICAL INFORMATION :**

Oral LD <sub>50</sub> (Rat)	:	Non toxic
Dermal LD <sub>50</sub> (Rat)	:	Non toxic
Eye contact (Rabbit)	:	Non irritant
Skin contact (Rabbit)	:	Non irritant

12. **ECOLOGICAL INFORMATION:**

Totally biodegradable in nature.  
Non-toxic to birds, fishes, bees and other non-target organisms.

13. **DISPOSAL CONSIDERATION :**

Do not reuse product packing materials and residues. Dispose the product packing materials and residues according to local state and federal health and environmental regulations.

14. **TRANSPORT INFORMATION:**

Not classified as hazardous under transport regulations.  
DOT hazard class: Not applicable

15. **REGULATORY INFORMATION:**

OSHA status: N/A  
TSCA status: N/A  
CERCLA reportable quantity: N/A  
RCRA status: N/A

16. **OTHER INFORMATION:**

N/A – Not applicable

To the best of our knowledge, the information contained herein is accurate. However, neither Margo Bio-controls Pvt. Ltd. nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist.

This product is for agricultural use only.