

<b>MARGO</b>	<b>Margo Biocontrols Pvt. Ltd., Tumkur, Karnataka</b>	
	Document: Material Safety Data Sheets	Document No: QF/MBC/PROD/MSDS/015
	Title : MSDS of ECOHUME® PLUS	Rev. : 00 Rev. Date: 16.03.2020

**MATERIAL SAFETY DATA SHEET**

**ECOHUME® PLUS**

*(Humic Substance with 1% Nitrogen)*

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

1. **PRODUCT INFORMATION :**

Product Name : ECOHUME® PLUS  
 Chemical family : Humic substances  
 Scientific Name : ---

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

<b><u>COMPONENTS</u></b>	<b><u>COMPOSITION (%)</u></b>
Humic substance derivative	: 6.0% Min. w/w
- Humic Substance	:
(Humic acid, Fulvic acid & Humin)	
Protein hydrolysates	: 6.0% Min. w/w
Soluble Energisser	: 2.0 % Min. w/w
Aqua Base ... ..	: 86.0% Min. w/w

3. **HAZARDOUS IDENTIFICATION :**

**EMERGENCY OVERVIEW**

This is a natural product of biological origin. It is a light brown to dark brown 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 : Light brown to Dark brown  
Odour : Earthy odour  
Boiling point range : 98 - 102°C  
Melting/Freezing point : 0 - (-) 20°C  
Flash point : > 100°C  
pH of 1% soln : 7.5 - 9.5  
Solubility in water : Soluble  
Density @ 27°C : 1.05 to 1.10 g/ml  
Nitrogen : 1.0%

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.