



MATERIAL SAFETY DATA SHEET

ESHP - Humic Plus- Natural Soil Conditioner

I. GENERAL SUPPLIER INFORMATION

Product Identifier: ESHP – Humic Plus - Natural Soil Conditioner
Product Code: 6640
Designation: NON-HAZ Micronutrient /Bio-stimulant
Application: Soil Conditioner / Enhancer
IHC: 3402.20.51.00
Manufacturer: Earth Smart Solutions
Address: 120 – 60 Industry Way S.E., Calgary, AB., CA. T3S 0A2
Toll Free: 1-866-444-7174
Fax: 403-264-9606
Email: info@earth-smart-solutions.com

II. HAZARDOUS INGREDIENTS

Hazardous Components: None – GRAS (Generally recognized as safe)

III. PHYSICAL / CHEMICAL DATA

Physical state: Liquid
Odor and appearance: Brown
pH: 5.5 – 7.0 When diluted in water
Evaporation rate (Water = 1): 10
Solubility in water: 99.9% in water with water

IV. FIRE & EXPLOSION DATA

Flammable or combustible: Not flammable or combustible
Flash point (deg. C): None
Upper flammable limit: Not applicable
Lower flammable limit: Not applicable
Auto ignition temperature: Not applicable
Flammability classification: Not applicable
Conditions of flammability: Not applicable
Special fire fighting procedures: None
Hazardous combustion products: None
Sensitivity to mechanical impact: Not sensitive
Sensitive to static discharge: Not sensitive

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V. REACTIVITY DATA

Stability:	Stable
Conditions of reactivity:	None known
Incompatible substances:	Low pH solutions
Hazardous decomposition products:	None known
Hazardous Polymerization:	Does not occur

VI. TOXICOLOGICAL PROPERTIES

Primary routes of exposure:	Eye contact and Ingestion
Sensitizer:	Not known to be a sensitizer
Carcinogen:	No – IARC, NTP, OSHA
Mutagen:	Not known to be a mutagen

VII. HEALTH HAZARDS

<u>Ingestion:</u>	Considered non-toxic but can lead to nausea or diarrhea.
<u>First Aid:</u>	Drink water or milk do not induce vomiting - contact a physician as required
<u>Skin irritation:</u>	Exposure may cause irritation if a person has a history of dermal allergic reaction.
<u>First Aid:</u>	Wash with soap and water

VIII. PREVENTION MEASURES

Gloves:	No special requirements
Respirator:	No special requirements
Eye protection:	No special requirements
Footwear:	No special requirements
Clothing:	No special requirements
Other:	No special requirements
Engineering controls:	No special requirements
Leak & Spill procedures:	Flush away with water
Waste Disposal:	Flush to sewer
Special shipping information:	NON-HAZ, None required

IX. STORAGE AND HANDLING OF PRODUCT

Storage:	Store in cool, dry conditions away from direct sunlight
Handling:	No special handling required



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X. COMPLIANCE

Fully complies with EPA Toxic Substance Control Act (TSCA) and the rules, orders and regulations promulgated there under including:

- a) Sections 4, 5, 6 & 7; Title 40 Chapter 1, 707.20 thru 707.75;
- b) 40 CFR Sections 704.3, 710.2(e) and 720.3(c); and
- c) Sections 5 and 13, reference 42FR64583
- d) Does not contain marine pollutants as defined in 49 CFR 171.8

XI. CONTROL MEASURES

Waste Disposal: Small spills can be washed away with water. Large spillages, if contained, can be returned to container.
Check with regulators before disposing of large quantities.

Ventilation: Mechanical (General)

XII. PREPARATION DATA

Information sources: Suppliers MSDSs, DSL, TSCA, EPA, IARC, NTP, OSHA.
Preparation Date: March 04, 2007
Last Revised: July 15, 2012

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