



MATERIAL SAFETY DATA SHEET

Clout - Herbicide Additive

I. PRODUCT IDENTIFICATION

Product Identifier: ESHA – Herbicide Additive
Product Code: 6604-20
IHC: 3402.20.51.00
Class: 60 NON-HAZ
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
Specific gravity (20 deg. C): 7.2
pH: 6.91 (Typical - concentrated state)
Evaporation rate (Water = 1): 10
Solubility in water: 100%
Boiling point: 91 C
Freezing point: 0 C

IV. FIRE & EXPLOSION DATA

Flammable or combustible: Not flammable or combustible
Flash point (deg. C): None
Upper flammable limit: N/A
Lower flammable limit: N/A
Auto ignition temperature: N/A
Flammability classification: N/A
Conditions of flammability: N/A
Special fire fighting procedures: N/A
Hazardous combustion products: N/A
Sensitive to mechanical impact: No
Sensitive to static discharge: No

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V. REACTIVITY DATA

Is the product stable?	Yes – stable
Conditions of reactivity:	None known
Incompatible substances:	None known
Hazardous decomposition products:	None
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>	May cause nausea
<u>First Aid:</u>	Dilute with water, contact a physician
<u>Eye Contact:</u>	May cause irritation
<u>First Aid:</u>	Flush with water
<u>Skin irritation:</u>	No edema reaction
	No erythema reaction
	No eschar reaction

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:	None required

IX. SAFETY

ESHA is produced in accordance with NOSB (National Organic Standards Board) guidelines. The materials used in the production process are derived from naturally occurring and sustainable sources and are consistent with organic principals



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and the National List of Allowed Substances. ESHA does NOT contain synthetic chemicals, animal components, animal by-products, manure or manure by-products. ESHA is environmentally safe, and is not harmful to animals, plants and humans.

X. COMPLIANCE

The materials, used in the production of CB-707 fully comply 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

X. PREPARATION DATA

Information sources: Suppliers MSDS, DSL, TSCA, EPA, IARC, NTP, OSHA.

Preparation date: January 21, 2000 - Last Rev: July 15, 2012

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