



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Chemical Name
CAS No.
Chemical Name
CAS No.

VITAL Blend Granular Soil Amendment

Activated Carbon
7440-44-0
Humalite
68514-28-3

Recommended use and restrictions on use

Recommended Use
Uses advised against

Soil Amendment
No information available

Details of the supplier of the safety data sheet

Manufacturer and its Address:

American BioChar Company
P.O. Box 962
Niles, MI 49120
(269) 663-2224

Telephone:

Emergency Telephone Number

Emergency Telephone Number

Not classified as dangerous for supply/use.
Please contact the supplier above during
normal business hours.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)
/ GHS Classification

Not classified as dangerous for supply/use

Label Elements

Hazard Symbol
Signal Words
Hazard Statements
Precautionary Statements

None
None
None
None
None

Other hazards**Additional Information**

May form combustible dust concentrations
in air. Mild eye irritation. May cause
respiratory irritation.

3. COMPOSITION. INFORMATION ON INGREDIENTS

Mixture Composition	Activated Carbon Humalite	40 – 80% by wt* 30 – 60% by wt*	CAS #7440-44-0 CAS #68514-28-3
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*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

Description of first aid measures

Inhalation	It is unlikely to result in an emergency situation. If necessary, remove victim to fresh air.
Skin Contact	Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Flush eyes with water for at least 10 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	Not normally required.

Most important symptoms and effects, both acute and delayed

None Known

Indication of any immediate medical attention and special treatment needed

None Known

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
Unsuitable Extinguishing Media	None anticipated
Special hazards arising from the substance or mixture	Avoid creating dust
Explosion data	None
Advise for firefighters	A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Not normally required
Environmental precautions	Not normally required
Methods and material for containment and cleaning up	Not normally required

7. HANDLING AND STORAGE

Precautions for safe handling	Not normally required
Conditions for safe storage, including any incompatibilities	
Storage Temperature	Store in a dry place
Incompatible materials	Avoid strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters- Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established.
Appropriate engineering controls	Not normally required
Personal protection equipment	
Eye/Face protection	Not Necessary under normal Conditions
Skin protection (Hand protection / other)	Not Necessary under normal Conditions
Respiratory protection	Not Necessary under normal Conditions
Thermal hazards	Not Necessary under normal Conditions
Environmental Exposure Controls	Not normally required

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid
Appearance	Moist Granules (approx. 0.5 - 2 mm.)
Color	Brown Black
pH value	7.5 – 9 range
Odor	Usually none, slightly smoky
Melting Point / Freezing Point	No information available
Boiling point/ boiling range	No information available
Flash Point	No information available
Evaporation Rate	No information available
Flammability (Solid gas)	No information available
Explosive Limit Ranges	Not applicable
Vapor pressure (Pascal)	Not determined
Vapor Density (Air – 1)	Not determined
Moisture Content	35 – 40% range
Bulk Density (lb/cfl)	Approx. 19.0
Solubility (Water)	Insoluble in water
Solubility (Other)	No information available
Partition Coefficient (N-Octanol/water)	No information available
Auto ignition Point (°C)	No information available
Decomposition Temperature (°C)	No information available
Kinematic Viscosity (cSt) @ 40°	No information available
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Possibility of Hazardous Reactions	None under normal processing
Conditions to avoid	Avoid dust formation
Incompatible materials	Strong oxidizing agents
Hazardous Decomposition Products	None known based on information supplied

11. TOXICOLOGICAL INFORMATION

Exposure routes: Skin contact, eye contact

Information on toxicological effects

Acute toxicity	Not acutely toxic
Irritation/Corrosivity	Not to be expected
Sensitization	Not to be expected
Repeated dose toxicity	Not to be expected
Carcinogenicity	Not to be expected

Ecotoxicity

Short Term	Not hazardous for the environment
Long Term	Not hazardous for the environment

12. ECOLOGICAL INFORMATION**Persistence and degradability**

The product is biodegradable

Bio-accumulative potential

No potential for bio-accumulation.

Mobility in soil

Low mobility in soil

Results of PBT and vPvB assessment

Contains no PBT/vPvB chemicals

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Water treatment methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION**Ground or Water Domestic Voyage:**

Not regulated as a transportation hazard

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act)

Inventory Status: All components listed are polymer exempt.

RCRA Hazardous Waste Number

(40 CFR 261.33)

None

US RCRA Hazard Class:

Not applicable

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4)

Chemical Name	CAS No.	Typical % wt.	RQ (Pounds)
None	---	---	---

SARA 311/312 – Hazard Categories: None

Chemical Name	CAS No.	Typical % wt.	RQ (Pounds)
None	---	---	---

SARA 302 – Extremely Hazardous Substances (40 CFR 355):

Additional Information

Chemical Name	CAS No.	Typical % wt.	RQ (Pounds)
None	---	---	---

16. OTHER INFORMATION

Date of most recent revision: February 14, 2022

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