



MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

General Product Name: G-Fuel Charcoal Lighter Fluid
Synonyms: None
Product Description: Bio-based Charcoal Lighter Fluid
CAS Number: Mixture
ASTM: D 4859-97
Manufacturer: **Green Earth Technologies, Inc.**
1136 Celebration Blvd.
Celebration, Florida 34747, U.S.A.
Phone: (877) 438-4761
Technical Assistance: (877) 438-4761

Section 2: Hazards Identification

Appearance: Liquid, Dark Amber
Odor: Citrus Odor
Principal Hazards: **This material has no known health hazards**
As defined by OSHA's Hazard Communication Standard, this product is Non-Hazardous

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number
Corn Canola Bio Base	Proprietary
Beef Tallow Bio Base	61789-97-7
Organic Alcohol	Compound
Coconut Oil	8001-31-8
Orange Oil	8028-48-6
Lime Oil	8008-26-2



Section 4: First Aid Measures

Eyes: No evidence of adverse effect.
Skin or Skin Absorption: No evidence of adverse effect.
Inhalation: No evidence of adverse effect.
Ingestion: No evidence of adverse effect.
Potential Health Effects: No evidence of adverse effect.
Chronic Effects: No evidence of adverse effect.
Medical Conditions
Aggravated by exposure: None known.
Additional Information: Note to physician: No specific Instructions.
See Section 11 for Toxicology and Carcinogenicity information on product ingredients

Section 5: Fire Fighting Measures

Flammable Properties: As defined by OSHA, this product is non-flammable.
Flash Point: 150° F
Auto ignition Temperature: 709° F
Firefighting Procedures: No special precautions needed.
Explosion Sensitivity to Impact: None
Unusual Fire & Explosion Hazards: Not determined.
This material will burn. Use extinguishing media appropriate for surrounding fire.

Section 6: Accidental Release Measures

Personal Precautions: Evacuate the area as the floor may be slippery. Use care to prevent spills and falls.
Method for Cleanup: Rinse area thoroughly with water. This product is safe to wash into waste systems.

Section 7: Handling and Storage

Handling Procedures: No special procedures needed.
Storage Procedures: Store in a cool, well-ventilated area. Avoid low temperatures.



Section 8: Exposure Controls/Personal Protection

Exposure Limits:	All components have vacated values for exposure or hazard due to denaturing when added to proprietary base compound.
Engineering Controls:	None Required.
Gloves Procedures:	None Required.
Eye Protection:	None Required.
Respiratory Protection:	None Required.
Clothing Recommendation:	None Required.
Other Safety Equipment:	None Required.

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Explosion Data:	Not Established
Vapor Pressure:	Not Established
pH:	5.8
Specific Gravity @ 60° F:	1,330
Water Solubility:	Complete
Percent Volatile:	Not Established
Volatile Organic Compound:	VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59
Vapor Density:	Not Established
Evaporation Rate:	Not Established
Odor:	Citrus Odor
Appearance:	Dark Amber Liquid
Viscosity:	Slightly Viscous
Boiling Point:	179°F
Freezing Point:	25°F

Section 10: Stability and Reactivity

Stability:	Stable
Decomposition Temp.:	Not Established
Incompatibility:	None Known
Polymerization:	Will not occur
Conditions to Avoid:	Not determined



Section 11: Toxicological Information

*ACUTE EXPOSURE *

Eye Irritation:	None
Skin Irritation:	None
Respiratory Irritation:	None
Dermal Toxicity:	None
Inhalation Toxicity:	None
Oral Toxicity:	None
Dermal Sensitization:	None
Inhalation Sensitization:	None

CHRONIC EXPOSURE

Chronic Toxicity:	None
Carcinogenicity:	This product does not contain any known or suspected human carcinogens.
Mutagenicity:	None
Reproductive Toxicity:	None
Teratogenicity:	None

ADDITIONAL INFORMATION

Other:	No other health hazards known.
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Section 12: Ecological Information

ENVIRONMENTAL TOXICITY

Freshwater Fish Toxicity:	None
Freshwater Invertebrates Toxicity:	None
Algal Inhibition:	None
Saltwater Fish Toxicity:	None
Saltwater Invertebrates Toxicity:	None
Bacteria Toxicity:	None
Miscellaneous Toxicity:	None

ENVIRONMENTAL FATE

Biodegradation:	This product is readily biodegradable
Bioaccumulation:	This material displays no potential to bio concentrate.



Section 13: Disposal Considerations

Waste Disposal: Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems. Always dispose as per Federal, State or Local regulations.

Section 14: Transport Information

ICAO/IATA (US):	Not regulated
ICAO/IATA (International):	Not regulated
IMDG:	Not regulated
IMDG EMS Fire:	Not applicable
IMDG EMS Spill:	Not applicable
IMDG MFAG:	Not applicable
IMO Marine Vessel:	Not applicable
US Barge:	Not applicable
USCG Compatibility:	Not determined
U.S. DOT Bulk:	Not regulated
U.S. DOT Non-bulk:	Not regulated
DOT NAERG:	Not applicable
TDG Bulk:	Not regulated
TDG Non-bulk:	Not regulated
Mexico:	Not regulated
Mexico Non-bulk:	Not regulated
Bulk Quantity:	85000 liters, 22457 gal.
Non-bulk Quantity:	207.8 liters, 55 gal.

Review classification requirements before shipping materials at elevated temperatures.

Section 15: Regulatory Information

Global Chemical Inventories

USA:	All ingredients in this product are exempt .
OTHER TSCA Reg.:	None known
EU:	All components are in compliance with the EC Seventh amendment directive 92/32/EEC
Japan:	All components are in compliance with the Chemical Substances Control Law of Japan.

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Australia: All components are in compliance with chemical notification requirements in Australia.

Canada: All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

Switzerland: All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Korea: All components are in compliance in Korea

Philippines: All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969)

China: All components of this product are listed on the Inventory of Existing Chemical Substances in China.

Other U.S. Federal Regulations

SARA Ext. Haz. Subst.: This product does not contain any chemical substance on the SARA Extremely Hazardous Substances list.

SARA Section 313: This product does not contain any chemical substances listed under SARA Section 313.

SARA 311 Classification:

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	Slight
Reactivity Hazard	No

CERCLA Hazardous Substances:

None Known

FDA Approval:

Not Applicable

Product Registrations

U.S. Fuel Registration: Not applicable

U.S. Dept of Agriculture: Not registered

NSF Nonfood Compounds Registration:

Not registered

Finnish Registration: Not registered

Swedish Registration: Not registered

Norwegian Registration: Not registered

Danish Registration: Not registered

Swiss Registration: Not registered

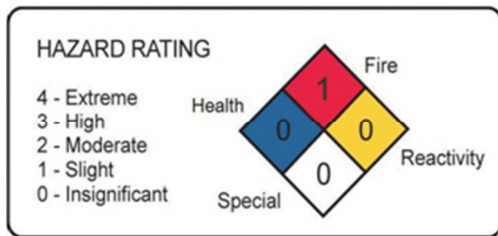
Italian Registration: Not registered

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Korean Registration: Not registered
New Zealand Registration: Not registered
TDG Regulated Limit: None known

Section 16: Other Information



US NFPA Codes:

Health	Fire	Reactivity	Special
0	0	0	None Established

HMIS Codes:

Health	Fire	Reactivity
0	0	0

Precautionary Labels: **“This material has no known health hazards”**

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