



**COMMUNITY
LANDSCAPE SERVICES**

24388 Stone Springs Blvd. • Sterling, Virginia 20166 • (703) 722-2412 • Fax (703) 722-2417

www.community-landscape.com

Attention:

Beginning on August 23th, 2021 (weather permitting), Community Landscape Services will be on the property for post emergent weed control/crabgrass application. If you have any questions regarding this service, please contact your management representative.

Service/Inspection on: Turf areas

Product used: Weed Shield, Branch Creek Organics

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 03/14/2016

Reviewed on 03/14/2016

* **1 Identification**

- **Product Identifier**
- **Trade name: Weed Shield**
- **Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information
- **Product Description** Weed Killer
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Branch Creek Organics, LLC®
P.O. Box 523
Harleysville, PA 19438
888-408-5433
branchcreekorganics.com
- **Emergency telephone number:**
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

* **2 Hazard(s) Identification**

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.
- **Label elements:**
- **GHS label elements** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

 - Health = 0
 - Fire = 0
 - Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0
- **Hazard(s) not otherwise classified (HNOC):** None known

* **3 Composition/Information on Ingredients**

· Non-hazardous components:	
7732-18-5	Water, distilled water, deionized water
127-08-2	Potassium Acetate

- **Chemical characterization: Mixtures**
- **Description:** Mixture: consisting of the following components.

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· Dangerous Components:		
CAS: 8000-34-8 RTECS: GF6900000	Clove oil (Eugenia Caryophyllata) ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	2-12%
CAS: 97-53-0	Eugenol ⚠ Acute Tox. 4, H302	≤ 2.5%
CAS: 57-13-6 RTECS: YR 6250000	Urea	
CAS: 68513-95-1	Soybean flour	
CAS: 68917-75-9	Wintergreen Essential Oil (Gaultheria procumbens) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2B, H320	
CAS: 68424-10-2	Cottonseed Meal ⚠ Acute Tox. 4, H302; STOT SE 3, H335	
CAS: 68514-28-3	Ful-Humix (Potassium Humate) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	

4 First-Aid Measures

- **Description of first aid measures:**
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media:**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

* 8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

8000-34-8 Clove oil (Eugenia Caryophyllata)	
TWA	Short-term value: 5 mg/m ³ Long-term value: 10 mg/m ³
57-13-6 Urea	
WEEL	Long-term value: 10 mg/m ³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

- **Eye protection:**



Goggles recommended during refilling.

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Trade name: Weed Shield*** 9 Physical and Chemical Properties**

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Liquid
 - **Color:** Light brown
 - **Odor:** Clove
 - **Odor threshold:** Not determined.
- **Change in condition**
 - **Melting point/Melting range:** Not determined.
 - **Boiling point/Boiling range:** 100 °C (212 °F)
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not determined
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Vapor pressure:** Not determined.
- **Density:**
 - **Relative density:** Not determined.
 - **Vapor density:** Not determined.
 - **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - **Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - **Dynamic:** Not determined.
 - **Kinematic:** Not determined.
- **Solvent content:**
 - **Organic solvents:** 0.0 %
 - **Solids content:** 1.5 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

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- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

8000-34-8 Clove oil (Eugenia Caryophyllata)

Oral	LD50	2650 mg/kg (rat)
Dermal	LD50	>5.000 mg/kg (rabbit)

97-53-0 Eugenol

Oral	LD50	1930 mg/kg (rat)
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57-13-6 Urea

Oral	LD50	8471 mg/kg (rat)
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- **Primary irritant effect:**
- **On the skin:** May cause an allergic skin reaction.
- **On the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories:**

- **IARC (International Agency for Research on Cancer):**

97-53-0	Eugenol	3
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- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

- **Toxicity:**

- **Aquatic toxicity:**

57-13-6 Urea

EC50	>10000 mg/l (daphnia)
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- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods:**
- **Recommendation:**
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

*** 14 Transport Information**

- **UN-Number:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

*** 15 Regulatory Information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

· TSCA (Toxic Substances Control Act):

All ingredients are listed or exempt from listing.

· California Proposition 65:

· Chemicals known to cause cancer:

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

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· New Jersey Right-to-Know List:	
None of the ingredients are listed.	
· New Jersey Special Hazardous Substance List:	
None of the ingredients are listed.	
· Pennsylvania Special Hazardous Substance List:	
None of the ingredients are listed.	
· Carcinogenic categories:	
· EPA (Environmental Protection Agency):	
57-13-6 Urea	II
· TLV (Threshold Limit Value established by ACGIH):	
None of the ingredients are listed.	
· NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients are listed.	
· GHS label elements Non-Regulated Material	
· Hazard pictograms: Non-Regulated Material	
· Signal word: Non-Regulated Material	
· Hazard statements: Non-Regulated Material	
· National regulations:	
The product is subject to be classified according with the latest version of the regulations on hazardous substances.	
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 03/14/2016 / 4

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety
 OSHA: Occupational Safety & Health
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 REL: Recommended Exposure Limit
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

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Trade name: **Weed Shield**

Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106



10-0-2 Lawn Food with Crabgrass Prevention

GUARANTEED ANALYSIS

Total Nitrogen (N).....	10%
7.0% Water Soluble Nitrogen	
3.0% Water Insoluble Nitrogen	
Soluble Potash (K ₂ O).....	2%
Derived from: Corn Gluten Meal & Urea	

NON-PLANT FOOD INGREDIENTS

Active Ingredient:	
Corn Gluten Meal.....	85%
Inert Ingredient:	
Urea.....	15%
Total Ingredients.....	100%

KEEP OUT OF REACH OF CHILDREN



WARNING

FIRST AID

IF ON SKIN: Wash thoroughly with soap and water. If skin irritation occurs, get medical advice/attention.

IF IN EYES: Immediately rinse eyes with clean water for at least 15 minutes. Remove contact lenses if present and easy to do so and continue rinsing. If eye irritation persists, get medical advice/attention.

IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

IF INGESTED: Drink large volumes of water and induce vomiting by placing fingers or a spoon at the back of the throat. Contact a physician, or call the local Poison Control Center. Consult the Safety Data Sheet (SDS).

IF INHALED: Supply fresh air; consult doctor in case of complaints..

PLEASE READ ALL LABEL DIRECTIONS BEFORE USE.

DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.

Not for organic crop or organic food production.

FIFRA 25(b) Exemption

This product has not been registered by the United States Environmental Protection Agency. Branch Creek Organics, LLC represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act.

APPLICATION FREQUENCY AND TIMING

This product may be applied as a single application, or as a split application, for crabgrass control in the spring.

Net Weight: 40 Lb Bag



DIRECTIONS FOR USE

Apply 3-5 Lbs per 1,000 sq. ft.

Spring Applications: For applications made in the spring or early summer, use 3-5 pounds of product per 1,000 sq. ft. depending on crabgrass pressure. The duration of residual weed control provided by this product is directly related to application rate, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

PURPOSE

This product provides "pre-emergence" control for use on crabgrass in established turfgrasses (including the large, smooth, and southern species) when applied prior to germination and emergence of crabgrass.



Dispose of this packaging properly

STORAGE AND DISPOSAL

Store this product in its original bag in a safe place. Store in a cool, dry, well-ventilated area, out of reach of children and animals. Dispose of contents and empty bag in accordance with municipal regulation. Never discard any unused product in any indoor or outdoor drain. DO NOT STORE PRODUCT BELOW 33°F OR ABOVE 110°F.

TERMS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY NOTICE

NOTICE: If these terms are not acceptable, return the unopened product immediately for a refund of the purchase price. All risks shall be assumed by Buyer and/or User, and Buyer and/or User agree to hold Branch Creek Organics, LLC, harmless for any claims related. Branch Creek Organics, LLC, warrants that this product conforms to the chemical description on the label affixed to the product and is reasonably fit for the purposes stated. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE SOLE REMEDY OF THE BUYER AND/OR USER AND THE EXCLUSIVE LIABILITY OF BRANCH CREEK ORGANICS, LLC, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE DISCRETION OF BRANCH CREEK ORGANICS, LLC, REPLACEMENT OF THE PRODUCT, OR IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT WILL BRANCH CREEK ORGANICS, LLC, BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

BRANCH CREEK ORGANICS, LLC® offers this product, and Buyer and/or User accepts it, subject to the foregoing Terms of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BRANCH CREEK ORGANICS, LLC®

Branch Creek Organics, LLC asserts that 10-0-2 Lawn Food with Crabgrass Prevention complies with EPA Regulations for 25(b) exempt pesticide ingredients.

Note: It is a violation of law in Maryland, New Jersey and New Hampshire to apply this product to turf at a rate that results in greater than 0.7 lb per 1,000 sq. ft. of readily available nitrogen or more than 0.9 lb per 1,000 sq. ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply.

Virginia Applications: No more than 0.7 lb per 1,000 sq. ft. of readily available nitrogen during any given 30-day period. No more than 0.9 lb (cool season grasses) or 1.0 lb (warm season grasses) per 1,000 sq. ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen during any given 30-day period.

F002440

Manufactured for:

Branch Creek Organics, LLC®

P.O. Box 523

Harleysville, PA 19438

Tel: 888-203-1606