



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name TERRAGREEN KICK PLUS
Product number 201038
Company information Brulin & Company, Inc.
 P.O. Box 270
 Indianapolis, IN 46206 US
 www.Brulin.com
Emergency CHEMTREC 1-800-424-9300
General information Phone: 317-923-3211
 Fax: 317-925-4596

2. Hazards Identification

Emergency overview Contact may irritate or burn eyes. Contact with skin may cause irritation.
Potential health effects
Eyes Irritating to eyes. Avoid contact with eyes.
Skin Prolonged or repeated contact will cause irritation.
Inhalation Not a likely route of entry. Low vapor pressure makes inhalation unlikely at standard temperatures and pressures. Inhalation of mist causes irritation of respiratory system.
Ingestion Do not ingest. May be harmful if swallowed.

3. Composition / Information on Ingredients

Non-hazardous components	CAS #	Percent
UREA, MONOHYDROCHLORIDE	506-89-8	< 5
Other components below reportable levels		< > 90

Composition comments The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures
Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do.
Skin contact Wash with soap and water. Launder contaminated clothing before reuse.
Ingestion Have victim rinse mouth thoroughly with water. If swallowed, do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
Inhalation Move to fresh air. Oxygen or artificial respiration if needed.
General advice In case of shortness of breath, give oxygen. Keep victim warm. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties Not flammable but at temperatures above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas.
Extinguishing media
Suitable extinguishing media Water. Water Fog. Dry chemical powder. Foam. Carbon dioxide (CO₂).
Specific methods Use water spray to cool unopened containers.

6. Accidental Release Measures

Personal precautions	Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unnecessary personnel away. Stay upwind. Keep out of low areas.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	After removal flush contaminated area thoroughly with water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

7. Handling and Storage

Handling	Do not get this material in contact with eyes. Wash thoroughly after handling. Handle and open container with care.
Storage	Keep container tightly closed. Keep out of the reach of children. Use care in handling/storage. Keep at temperatures below 48°C.

8. Exposure Controls / Personal Protection

Personal protective equipment	
Eye / face protection	Do not get this material in contact with eyes. Safety glasses.
Skin protection	Use impervious gloves.
Respiratory protection	No personal respiratory protective equipment normally required. Do not breathe dust or spray mist.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	liquid clear
Color	blue
Odor	citrus/floral, fragrance added
Odor threshold	Not available.
Form	viscous liquid
pH	< 1 (the product is RTU)
Freezing point	< 32 °F (< 0 °C)
Boiling point	212 °F (100 °C)
Flash point	None to boiling Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor density	Not available.
Specific gravity	1.016
Solubility (water)	complete
VOC	0 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable up to 110°C.
Conditions to avoid	Avoid temperatures above 230°F (110°C).
Incompatible materials	Oxidizing agents. Decomposes by reaction with alkaline solutions. Contact with hypochlorites, chlorine bleach, sulfides, or cyanides will liberate toxic gases. At temperature above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas.

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Hazardous decomposition products Carbon monoxide and carbon dioxide. Nitrogen oxides (NOx).
Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects Eye irritation
Skin corrosion/irritation Non corrosive to the Skin:(as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, Dot Hazardous Material Regulations, Canada's WHMIS regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals, Number 404 "Acute Dermal Irritation/Corrosion)

12. Ecological Information

Ecotoxicity This material is not expected to be harmful to aquatic life.

13. Disposal Considerations

Waste codes D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel]
Disposal instructions Dispose in accordance with all applicable regulations.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

US federal regulations CERCLA/SARA Hazardous Substances - Not applicable.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

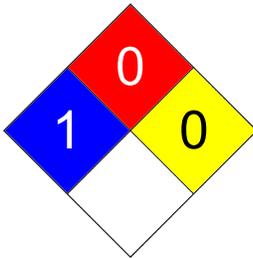
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

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