

Issue Date 01/27/2015

Revision Date 06/27/2016

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Trash Treater

Other means of identification

Product Code 1050

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Label elements

Emergency Overview

Appearance: Light green to colorless

Physical state: Liquid

Odor: Cinnamon scent



Precautionary Statements - Prevention

Avoid contact with eyes. Avoid contact with eyes. Avoid breathing vapors or mists. Do not taste or swallow. Eye/Face Protection: Safety glasses. Skin and Body Protection: Chemical resistant protective gloves.

Precautionary Statements - Response

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention. Skin Contact: Wash with soap and water. Seek medical attention if irritation develops. Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if irritation occurs. Ingestion: Do not induce vomiting. Call a physician or poison control center immediately.

Precautionary Statements - Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Protect from freezing. Keep out of the reach of children.

Precautionary Statements - Disposal

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

Unknown Acute Toxicity

7.6% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES**First aid measures**

Skin Contact	Wash with soap and water. Seek medical attention if irritation develops.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if irritation occurs.
Ingestion	Do not induce vomiting. Call a physician or poison control center immediately.

Most important symptoms and effect, both acute and delayed

Symptoms	May cause skin and eye irritation. Inhalation may cause irritation to nasal passages. Ingestion of large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Dry chemical. Foam. Carbon dioxide (CO₂). Water.

Unsuitable extinguishing media: Not determined

Specific hazards arising from the chemical

Combustion products may be toxic.

Hazardous Combustion Products: Nitrogen oxides (NO_x). Ammoniacal vapors.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions	Use personal protective equipment as required. Spills may be slippery.
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Methods and material for containment and cleaning up

Methods for containment & cleaning up	Prevent further leakage or spillage if safe to do so. This product is biodegradable. Dilute and wash remaining with water and dispose of in accordance with federal, state, and local regulations.
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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Protect from freezing. Keep out of the reach of children.

Incompatible Materials

Oxidizers such as bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Silicic acid, sodium salt, no exposure limit assigned. Exposure limit of 2mg/m³ 915 minute TWA) is recommended by analogy with sodium hydroxide. Same for Lithium Silicate.

Appropriate engineering controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection

Safety glasses.

Skin and Body Protection

Chemical resistant protective gloves.

Respiratory Protection

No protective equipment is needed under normal use conditions.

General Hygiene

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Liquid

Appearance

Light green to colorless liquid

Color

Light green to colorless

Odor

Cinnamon scent

Odor Threshold

Not determined

Property

Values

Remarks • Method

pH

7–8

Melting Point/Freezing Point

Not determined

Boiling Point/Boiling Range

100 °C / 212 °F

Flash Point

None

Evaporation Rate

1

(Water = 1)

Flammability (Solid, Gas)

n/a-liquid

Upper Flammability Limits

Not determined

Lower Flammability Limit

Not determined

Vapor Pressure

17.5 mm Hg

Vapor Density

Not determined

Specific Gravity

0.990

(Water = 1)

Water Solubility

Soluble in water

Solubility in other solvents

Not determined

Partition Coefficient

Not determined

Auto-ignition Temperature

Not determined

Decomposition Temperature

Not determined

Kinematic Viscosity

Not determined

Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content	None

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility Of Hazardous Reactions

None under normal processing. Hazardous polymerization does not occur.

Conditions To Avoid

Keep out of reach of children.

Incompatible Materials

Oxidizers such as bleach.

Hazardous Decomposition Products

Nitrogen oxides (NOx). Ammoniacal vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Skin Contact	Avoid contact with skin.
Eye Contact	Avoid contact with eyes.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Information on toxicological effects

Symptoms May cause skin and eye irritation. Inhalation may cause irritation to nasal passages. Ingestion of large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity - Product Information

Not determined

Unknown Acute Toxicity 7.6% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Algae – No toxic ingredients.

Fish – No toxic ingredients.

Crustacea – No toxic ingredients.

Soil Mobility

Not determined.

Persistence and Degradability

Not determined.

Bioaccumulation

Not determined.

Other Adverse Effects

Contains no ozone depleting ingredients such as CFCs.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of Wastes**

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

Contaminated Packaging

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

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

US State Regulations**California Proposition 65**

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

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION

NFPA	Health hazards	ND	Flammability	ND	Reactivity	ND	Other	ND
HMIS	Health hazards	0	Flammability	0	Reactivity	0	Personal protection	B

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Revision Note New Format

N/A = Not Applicable; N/D = Not Determined

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

End of Safety Data Sheet