



Safety Data Sheet

Issue Date: 03-Mar-2019

Revision Date: 15-Feb-2022

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Bradley BTOS Odor Bouncer

Other means of identification

SDS # BTOS

Recommended use of the chemical and restrictions on use

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

Bradley Systems
a division of TRION Chemicals
320 37th Avenue
St. Charles, IL 60174
www.bradley-systems.com

Emergency Telephone Number

Company Phone Number 855-513-1314 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Clear liquid

Physical State Liquid

Odor Pleasant Scent

Classification

This material is not classified as hazardous under OSHA regulations (29CFR1910.1200), (Hazcom 2012).

Signal Word

Not a hazardous substance or mixture.

Hazard Statements

Not a hazardous substance or mixture.

Precautionary Statements - Prevention

Not a hazardous substance or mixture.

Other hazards not otherwise classified – Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
(L+) Lactic Acid	79-33-4	<1.0
Kathon CG/ICP Perservative	N/A	<0.1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Immediately call a poison center or doctor/physician.
Eye Contact	If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and continue rinsing. If eye irritation persists seek medical attention.
Skin Contact	If irritation develops rinse thoroughly with soap and water.
Inhalation	Remove victim to fresh air, if irritation develops seek medical attention.
Ingestion	Do not induce vomiting unless instructed by medical personal. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Most important symptoms and effects

Symptoms	No specific symptoms noted.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog, dry chemical, foam or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None known.

Hazardous Combustion Products Carbon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus with full face operated in positive pressure mode. Firefighters should wear proper protective equipment (Bunker gear).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion done. Refer to protective measures listed in section 7 and 8.
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Methods and material for containment and cleaning up

Methods for Containment

For small spills-Can be washed down the sanitary sewer with lots of water.

For large spills - Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent run-off into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Soak up with inert absorbent material. Scoop up material and place into suitable container(s). Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Do not handle until all safety precautions have been read and understand. Wear protective gloves and eye/face protection. Adequate ventilation should be supplied. Avoid contact with eyes and clothing. Keep containers tightly closed.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in cool, dry and well-ventilated place. Containers should be clearly identified, clear of obstructions and accessible only to authorized personnel. Protect from sunlight. Have appropriate fire extinguishers/sprinkler system in place. Spill clean-up equipment should be in or near storage area.

Incompatible Materials

No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Appropriate engineering controls

Engineering Controls

Ventilation and engineering measures: Use in well ventilated area. Apply technical measures to comply with occupational exposure limits if needed.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety goggles or glasses with side shields recommended.

Skin and Body Protection

Wear protective gloves. Where extensive exposure to the product is possible, use resistant apron/suit and boots.

Respiratory Protection

If airborne concentrations are above the permissible exposure limit use NIOSH approved respirators.

General Hygiene Considerations

Avoid contact with eyes and clothing. Do not eat, drink or smoke when using this product. Wash hands after handling. Remove and wash all contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

Other Protective Equipment

Ensure that eyewash stations and a safety shower are close to the workstation(s).

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State
Appearance
Color

Liquid
Clear liquid
Clear

Odor
Odor Threshold

Pleasant odor
Not determined

Property

Values

Remarks • Method

pH

6.0-9.0

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

Upper Flammability Limits	No information available
Lower Flammability Limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Relative Gravity	0.97-0.99
Water Solubility	Completely soluble
Solubility in other solvents	No information available
Partition Coefficient	No information available
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	~1.0
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available
VOC Content	Not applicable

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Heat.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	May cause eye irritation.
Skin Contact	Not applicable.
Inhalation	May cause respiratory irritation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Potential Chronic Health Effects: None known

Mutagenicity: Not hazardous by OSHA/WHMIS criteria.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects: Not hazardous by OSHA/WHMIS criteria.

Sensitization to material: No data available to indicate product may be a sensitizer.

Medical conditions aggravated by overexposure: Pre-existing skin and eye conditions.

Chemical Name	LD50-Oral	LD50-Dermal
(L+) Lactic Acid	3,543 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)
Kathon CG/ICP Preservative	2,630 mg/kg (Rat)	> 5,000 mg/kg (Rabbit)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not determined.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in Sections 7 and 8.

Methods of disposal

Dispose in accordance with all applicable federal, state, provincial and local regulation. Contact your federal, state, provincial and local authorities for specific rules.

14. TRANSPORT INFORMATION

DOT

Not regulated.

IATA

Please contact manufacturer for most current information.

IMDG

Not regulated.

Marine Pollutant

This product does not contain Marine Pollutants as defined in CFR49 171.8.

15. REGULATORY INFORMATION

International Inventories

TSCA

All ingredients are listed or exempt from listing on Chemical Substance Inventory.

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 302 Extremely Hazardous Substances

No extremely hazardous substances are present in this material.

SARA 313 Toxic Chemicals Notification

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.

SARA 311/312 Hazardous Categories

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

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

This product does not contain any substances regulated under applicable state right-to-know regulations.

International Information: Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical Hazards

Not determined

Personal Protection

Not determined

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Revision Note: New format

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 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