



# SAFETY DATA SHEET

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** InSinkEerator BioCharge

### Other means of identification

**Product Code** 74673

**Synonyms** None

### Details of the supplier of the safety data sheet

**Company Name** InSinkEerator  
4700 21<sup>st</sup>  
Racine, WI 53460-5432  
(262) 554-5432

### Emergency telephone number

**Emergency Telephone** 262-554-5432

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified

### Label elements

#### **Emergency Overview**

May form combustible dust concentrations in air.

**Appearance** Blue

**Physical state** Liquid

**Odor** Lemon

#### **Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
Specific Treatment (See Section 4 on the SDS)

### Hazards not otherwise classified (HNOC)

#### Other Information

Unknown Acute Toxicity 2.5% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Water	7732-18-5	60-100	*
Viable Bacterial Cultures	Proprietary	1-5	*

Tetrasodium EDTA	64-02-8	.1-1	*
Xanthan Gum	11138-66-2	.1-1	*
Sodium Bicarbonate	144-55-8	.1-1	*
Propylene Glycol	57-55-6	<0.1	*
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### First aid measures

<b>Skin Contact</b>	Wash off immediately with plenty of water. Wash skin with soap and water.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

##### Most important symptoms and effects, both acute and delayed

**Symptoms** Any additional important symptoms and effects are described in Section 11: Toxicology Information.

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Contains Viable Bacterial Cultures classified as Risk Group 1.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable extinguishing media** Not determined.

##### Specific hazards arising from the chemical

May cause allergic respiratory reaction.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### 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** Ensure adequate ventilation, especially in confined areas.

##### Environmental precautions

**Environmental precautions** Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

##### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** After cleaning, flush away traces of water. Avoid dust formation.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Wear personal protective equipment. Wash hands and face thoroughly after handling. Avoid formation of aerosols and dust from drying out of spilled preparation. Avoid splashing and high pressure washing. Ensure good ventilation of the room, when handling this preparation. Store container in a cool place.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear suitable protective clothing. Prolonged contact may cause redness and irritation.

**Respiratory protection** Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.

**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** Blue  
**Color** Blue  
**Odor** Lemon  
**Odor threshold** No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.5 - 9.0	
Specific Gravity	1.00	
Viscosity	No Information available	Not Applicable

<b>Melting point/freezing point</b>	No Information available
<b>Flash point</b>	None
<b>Boiling point / boiling range</b>	
<b>Evaporation rate</b>	No Information available
<b>Flammability (solid, gas)</b>	No data available
<b>Flammability Limits in Air</b>	
<b>Upper flammability limit:</b>	No Information available
<b>Lower flammability limit:</b>	No Information available
<b>Vapor pressure</b>	No Information available
<b>Vapor density</b>	No Information available
<b>Water solubility</b>	Complete
<b>Partition coefficient</b>	No Information available
<b>Autoignition temperature</b>	No Information available
<b>Decomposition temperature</b>	No Information available

**Other Information**

<b>Density Lbs/Gal</b>	8.33
<b>VOC Content (%)</b>	0.09

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Stable under normal conditions. Excessive temperature variations below 32F or above 155F.

**Incompatible materials**

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Eye contact</b>	Avoid contact with eyes. Contact with eyes may cause irritation.
<b>Skin Contact</b>	Avoid contact with skin. Prolonged or repeated contact may dry skin and cause irritation.
<b>Ingestion</b>	May be harmful if swallowed. May cause gastro intestinal irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Tetrasodium EDTA 64-02-8	= 1658 mg/kg ( Rat ) = 10 g/kg ( Rat )	-	-
Xanthan Gum 11138-66-2	= 45 mg/kg ( Rat )	-	-
Sodium Bicarbonate 144-55-8	= 4220 mg/kg ( Rat )	-	-
Propylene Glycol 57-55-6	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
1,2-benzisothiazol-3(2H)-one 2634-33-5	= 1020 mg/kg ( Rat )	-	-

**Information on toxicological effects**

**Symptoms** No Information available.

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

**Sensitization** No Information available.  
**Germ cell mutagenicity** No Information available.  
**Carcinogenicity** No Information available.  
**Reproductive toxicity** No Information available.  
**STOT - single exposure** No Information available.  
**STOT - repeated exposure** No Information available.  
**Aspiration hazard** No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 2.5% of the mixture consists of ingredient(s) of unknown toxicity

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

2.7503125% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Tetrasodium EDTA 64-02-8	1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	610: 24 h <i>Daphnia magna</i> mg/L EC50
Sodium Bicarbonate 144-55-8	650: 120 h <i>Nitzschia linearis</i> mg/L EC50	8250 - 9000: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	2350: 48 h <i>Daphnia magna</i> mg/L EC50
Propylene Glycol 57-55-6	19000: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	41 - 47: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 51600: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 710: 96 h <i>Pimephales promelas</i> mg/L LC50 51400: 96 h <i>Pimephales promelas</i> mg/L LC50 static	10000: 24 h <i>Daphnia magna</i> mg/L EC50 1000: 48 h <i>Daphnia magna</i> mg/L EC50 Static
Trisodium nitrilotriacetate 5064-31-3	560 - 1000: 96 h <i>Chlorella vulgaris</i> mg/L EC50	72 - 133: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 175 - 225: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 252: 96 h <i>Lepomis macrochirus</i> mg/L LC50 470: 96 h <i>Pimephales promelas</i> mg/L LC50 static 93 - 170: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 560 - 1000: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 560 - 1000: 96 h <i>Poecilia reticulata</i> mg/L LC50 114: 96 h <i>Pimephales promelas</i> mg/L LC50 560 - 1000: 96 h <i>Oryzias latipes</i> mg/L LC50 560 - 1000: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static	560 - 1000: 48 h <i>Daphnia magna</i> mg/L LC50
Sodium Hydroxide 1310-73-2	-	45.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	-

**Persistence and degradability**

The organic components of the product are biodegradable.

**Bioaccumulation**

Bioaccumulative potential.

Chemical Name	Partition coefficient
1,2-benzisothiazol-3(2H)-one 2634-33-5	1.3

**Other adverse effects** No Information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Dispose of wastes in an approved waste disposal facility.

### 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.

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

<b>TSCA</b>	Does not comply
<b>DSL/NDSL</b>	Does not comply

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### 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

##### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

##### **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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

##### **California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Trisodium nitrilotriacetate - 5064-31-3	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X	-	X
Trisodium nitrilotriacetate 5064-31-3	-	X	-
Sodium Hydroxide 1310-73-2	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties Yes
<b>HMIS</b>	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection B

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**Revision Note**

No Information available

**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**