

# SAFETY DATA SHEET



## 1. IDENTIFICATION

### Product identifier

**Product Name** Dry Step Bircarb Granulated Floor Treatment

### Other means of identification

**Synonyms** Granulated Bicarb floor treatment

### Recommended use of the chemical and restrictions on use

**Recommended use** Improves anti-slip floor treatment

### **Distributor Address**

**Best Sanitizers, Inc.**  
PO Box 1360  
Penn Valley, CA 95946

### Emergency telephone number

**Emergency Phone Numbers** For Transportation Emergencies,  
call Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<b>Physical hazards</b>	
Serious eye damage / eye irritation	Category 2B
<b>Health hazards</b>	
None	
<b>Environmental hazards</b>	
None	

**Signal word** Warning

**Hazard statements**  
Causes eye irritation.

**Appearance** Granuels

**Physical State** Solid

**Odor** Odorless

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not Applicable

**Other Information**

\*May be harmful if swallowed.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight %	
Sodium bicarbonate	144-55-8	>99.5	
Tetradecyl dimethyl benzyl ammonium chloride	139-08-2	<0.5	
Trade Secret 1	Proprietary	<0.007	
Trade Secret 2	Proprietary	<0.007	

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

**4. FIRST AID MEASURES**

**First aid measures**

**Eye Contact**

Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after first 5 minutes, then continue rinsing eye(s). Immediately get medical advice/attention.

**Skin Contact**

Wash off immediately with soap and plenty of water. Wash contaminated clothing and shoes before reuse. Get medical attention if irritation develops and persists.

**Inhalation**

Move to fresh air. Administer oxygen if breathing is difficult. Call a physician immediately.

**Ingestion**

Do **NOT** induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

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

**Most Important Symptoms and Effects**

See section 11 for symptom information.

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

**Note to physicians**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical, water spray, carbon dioxide (CO<sub>2</sub>), foam.

### Specific Hazards Arising from the Chemical

No Information available.

### Unsuitable extinguishing media

No information available

### 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. Cool containers with flooding quantities of water until well after fire is out.

Hazardous combustion products Carbon Monoxide. Carbon dioxide. (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

### Explosion Date

Sensitivity to Mechanical Impact      None

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

If necessary, use trained response staff or contractor. Wear protective eyewear, gloves, and clothing. Refer to Section 8. Clean up spills immediately observing precautions. Always obey local regulations.

Personal Precautions      Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.

For emergency responders      Isolate area. Keep unnecessary personnel away.

### Environment Precautions

Environmental Precautions      See section 12 for additional ecological information. Prevent entry into waterways, sewers, or confined areas.

### 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	Seep up and hovel into suitable containers for disposal. Following product recovery, flush area with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Advice on safe handling      Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas. Avoid breathing vapors or mists. Wash thoroughly after 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. Do not allow water to get into container.

Incompatible materials

Acids

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**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**

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Tight sealing safety goggles.
<b>Skin and Body Protection</b>	Wear protective Neoprene™ gloves. Rubber gloves Normal work clothing (long sleeved shirt and long pants) is recommended.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene Measures</b>	Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do no Eat, Drink or Smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Solid	<b>Odor</b>	Odorless
<b>Appearance</b>	Granules	<b>Odor Threshold</b>	No information available
<b>Color</b>	White	<b>Remarks/ Method</b>	
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>	
<b>pH</b>	8	(2% solution)	
<b>Melting/freezing point</b>	Not determined	None known	
<b>Boiling point / boiling range</b>	Not determined	None known	
<b>Flash Point</b>	No data available	None known	
<b>Evaporation rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	No data available	None known	
<b>Flammability Limits in Air</b>			
<b>Upper flammability limit</b>	No data available	None known	
<b>Lower flammability limit</b>	No data available	None known	
<b>Vapor pressure</b>	No data available	None known	
<b>Vapor density</b>	Not determined	None known	
<b>Bulk density</b>	1.1 g/cc	None known	
<b>Water Solubility</b>	Soluble in water	None known	
<b>Partition coefficient</b>	No data available	None known	
<b>Autoignition temperature</b>	No data available	None known	
<b>Decomposition temperature</b>	No data available	None known	
<b>Kinematic viscosity</b>	No data available	None known	
<b>Dynamic viscosity</b>	No data available	None known	
<b>Explosive properties</b>	No data available	None known	
<b>Oxidizing proerties</b>	No data available	None known	

## 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

None known.

### Incompatible materials

Acids

### Hazardous Decomposition Products

Carbon Monoxide. Carbon Dioxide (CO<sub>2</sub>). Nitrogen Oxides (NO<sub>x</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes if exposure

Product Information	
Inhalation	Inhalation of dust in high concentration may cause irritation of respiratory system.
Eye Contact	Irritating to eyes.
Skin Contact	Prolonged contact may cause irritation.
Ingestion	Harmful if swallowed. Aspiration may cause pulmonary edema pneumonitis.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium bicarbonate 144-55-8	= 4220mg/kg (Rat)	-	-
Trade Secret 2	=400mg/kg (Rat)	-	-

Information on toxicological effects	
Symptoms	No Information Available
<b><u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u></b>	
Sensitization:	No Information Available
Germ cell mutagenicity	No Information Available
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP
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

**Unknow Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknow toxicity.

### The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 4228.0 mg/kg

## 12. ECOLOGICAL INFORMATION

0.2% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Sodium bicarbonate 144-55-8	650: 120h Nitschia linearis mg/L EC50	8250-9000: 96 h Lepomis macrochirus mg/L LC50 Static	2350: 48h Daphnia magna mg/L EC50

### Persistence and Degradability

No information available

### Bioaccumulation

No information available

### Mobility in soil

Soluble in Water

### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waster Treatment Methods

### Disposal of wastes

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

### Contaminated Packaging

Dispose of in accordance with all applicable federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

### DOT

Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies

DSL/NDSL Complies

EINECS/ELINCS Complies

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

### U.S. 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>	<b>Yes</b>
<b>Chronic Health Hazard</b>	<b>No</b>
<b>Fire Hazard</b>	<b>No</b>
<b>Sudden release of pressure hazard</b>	<b>No</b>
<b>Reactive Hazard</b>	<b>No</b>

**CWA (Clean Water Act)**

This product contains the following substances which are regulated 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 substance regulated substance under the Comprehensive Environment Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40CFR 355). There may be specific reporting Requirements at the local, regional or state level pertaining to releases of the material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

This product does not contain any substance regulated by the state right-to-know regulations.

**U.S. EPA Label Information**

**EPA Pesticide Registration Number**

Not Applicable

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## 16. OTHER INFORMATION

<u>NFPA</u>	Health Hazard	Flammability	Instability	Physical and Chemical Properties
	1	0	0	None
<u>HMIS</u>	Health Hazard	Flammability	Physical Hazards	Personal Protection
	1	0	0	E (Safety glasses, gloves, dust respirators)

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### General 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**

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