

# Dry Step Bicarb Granulated Floor Treatment

## Safety Data Sheet



### Section 1

### Product Description

Product Name: Dry Step Bicarb Granulated Floor Treatment  
Recommended Uses: Improves anti-slip floor treatment  
Synonyms: Granulated Bicarb floor treatment  
Distributor: Best Sanitizers, Inc.  
PO Box 1360 Penn Valley, CA 95946

Chemical Information Emergency:  
Chemtrec 1.800.424.9300

### Section 2

### Hazard Identification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR1910.1200).

Serious eye damage/eye irritation

Category 2B

#### Warning

##### Hazard Statements

Causes eye irritation

**Appearance**—Granules

**Physical state**—Solid

**Odor**—None

##### 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.

##### Hazards not otherwise classified (HNOC)

Not Applicable

##### Other Information

\*May be harmful if swallowed.

# Safety Data Sheet

## Section 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.

## Section 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). Get medical advice/attention if eye irritation persists.

#### **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**

Remove 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

#### **Symptoms**

See Section 11 for symptom information.

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

#### **Note to physicians**

Treat symptomatically.

## Section 5

## Fire Fighting Measures

### Suitable Extinguishing Media

Dry Chemical, Water spray (fog), Carbon dioxide (CO<sub>2</sub>), Foam.

### Unsuitable extinguishing Media

No Information available.

### Specific hazards arising from the chemical

No Information available.

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

### Explosion Data

**Sensitivity to Mechanical Impact** None

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

## **Section 6**

## **Accidental Release Measures**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

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                 Sweep up and shovel into suitable containers for disposal. Following product recovery, flush area with water.

## **Section 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.

## **Section 8**

## **Protection Information**

### **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                      Showers, eyewash stations, ventilation system.

### **Individual Protection Measures, such as personal protective equipment**

Eye/Face protection                      Tight sealing safety goggles.

Skin and body protection                Wear protective Neoprene™ gloves. Rubber gloves. Normal work clothing (long sleeved shirt and long pants) is recommended.

Respiratory protection                  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.

General Hygiene Considerations      Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not Eat, Drink or Smoke when using this product.

**Section 9****Physical and Chemical Properties****Information on basic physical and chemical properties**

Formula:	See Section 3	Physical State:	Solid
Odor:	None	Appearance:	Granules
Odor Threshold:	No Information Available	Color:	White

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks—Method</u></b>
pH	8	(2% solution)
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	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure:	No information available	
Vapor density:	No information available	
Bulk density	1.1 g/cc	
Water solubility	Soluble in Water	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

**Section 10****Stability and Reactivity Data****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>).

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## Section 11

## Toxicity Data

### 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 and pneumonitis.

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

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

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

Oral LD50 4228.00 mg/kg

**Section 12****Ecological Data**

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

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

**Persistence and Degradability**

No Information Available

**Bioaccumulation**

No Information Available

**Mobility**

Soluble in water

**Other adverse effects**

No information available

**Section 13****Disposal Information****Waste 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 federal, state and local regulations.

**Section 14****Transport Information**

**Not Regulated by US DOT**

# Safety Data Sheet

## Section 15

## Regulatory Information

### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies

### Legend:

**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

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization 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**

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

### **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 as a hazardous 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 this 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.

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## U.S. EPA Label Information

EPA Pesticide Registration Number

Not Applicable

## Section 16

## Additional Information

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

**Prepared by:** Technical Department  
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### 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**