



# AFCO 2546-FTB

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 11/16/2017

Version: 1.1

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** AFCO 2546-FTB

**Product Code:** AFCO 2546-FTB

#### Intended Use of the Product

**Use of the Substance/Mixture:** Granulated floor treatment for use in food processing plants. For professional use only.

#### Name, Address, and Telephone of the Responsible Party

##### Company

Alex C. Fergusson, LLC.  
800 Development Avenue  
Chambersburg, PA 17201  
T: 800-345-1329

[www.afcocare.com](http://www.afcocare.com)

#### Emergency Telephone Number

**Emergency Number** : 1-800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### Classification (GHS-US)

Eye Irrit. 2B H320

##### Label Elements

##### GHS-US Labeling

**Hazard Pictograms (GHS-US)** : None.

**Signal Word (GHS-US)** : Warning.

**Hazard Statements (GHS-US)** : H320 - Causes eye irritation.

**Precautionary Statements (GHS-US)** : P264 - Wash hands, forearms, and exposed areas thoroughly after handling.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+ P313- If eye irritation persists: Get medical advice/attention.

##### Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**Unknown Acute Toxicity (GHS-US)** Not available.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

Name	Product identifier	% (w/w)	Classification (GHS-US)
Sodium bicarbonate	(CAS No) 144-55-8	99 - 100	Eye Irrit. 2B, H320
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	(CAS No) 68424-85-1	0.1 - 1.0	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention.

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**Skin Contact:** Remove contaminated clothing. Immediately flush skin with plenty of water for several minutes. Get immediate medical advice/attention. Wash contaminated clothing before reuse.

**Eye Contact:** Seek medical attention immediately. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Not likely to cause any symptoms or effects.

**Inhalation:** Inhalation of dust in high concentrations may cause irritation of respiratory system.

**Skin Contact:** Prolonged contact may cause irritation.

**Eye Contact:** Causes eye irritation.

**Ingestion:** Harmful if swallowed.

**Chronic Symptoms:** Not likely to cause any symptoms or effects.

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If you feel unwell, seek medical advice (show the label where possible).

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical, water spray, (fog), carbon dioxide, foam.

**Unsuitable Extinguishing Media:** Not applicable.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** None.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** None.

**Protection During Firefighting:** As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved) and full protective gear.

**Hazardous Combustion Products:** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

**Reference to Other Sections:** Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**General Measures:** Not applicable.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection. Ensure adequate ventilation, especially in confined spaces.

**Emergency Procedures:** None.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain and collect as any solid. Avoid generation of dust during cleanup of spills.

**Methods for Cleaning Up:** Recover the product by vacuuming, shoveling, or sweeping. Avoid generation of dust during clean-up of spills. Place in suitable containers for disposal.

**Reference to Other Sections:** See heading 8, Exposure Controls and Personal Protection.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Additional Hazards When Processed:** Avoid contact with skin and eyes. Avoid breathing dust.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

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### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use in a dry, cool, and well-ventilated area. Do not allow water to get in containers. Store away from incompatible materials.

**Incompatible Materials:** Acids.

**Specific End Use(s):** Granulated floor treatment for use in food processing plants. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or any of its chemical components.

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal Protective Equipment:** Rubber gloves. Safety goggles.



**Materials for Protective Clothing:** None usually needed.

**Hand Protection:** Rubber gloves.

**Eye Protection:** Safety goggles.

**Skin and Body Protection:** None usually needed.

**Respiratory Protection:** None needed.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Solid.
Appearance	: White granules.
Odor	: None.
Odor Threshold	: Not available.
pH (2%)	: 8
Relative Evaporation Rate (butyl acetate=1)	: Not available.
Melting Point	: Not available.
Freezing Point	: Not available.
Boiling Point	: Not available.
Flash Point	: None.
Auto-ignition Temperature	: Not available.
Decomposition Temperature	: Not available.
Flammability (solid, gas)	: Not flammable.
Lower Flammable Limit	: Not available.
Upper Flammable Limit	: Not available.
Vapor Pressure	: Not available.
Relative Vapor Density at 20°C	: Not available.
Bulk Density	: 1.1 g/cm <sup>3</sup>
Solubility	: Water: Complete.
Partition coefficient: n-octanol/water	: Not available.
Viscosity	: Not available.
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not applicable.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None.

**Incompatible Materials:** Acids.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects – Product

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:** Not available.

**Skin Corrosion/Irritation:** Not classified. **pH(2%):** 8

**Serious Eye Damage/Irritation:** Causes eye irritation. **pH(2%):** 8

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** Inhalation of dust in high concentrations may cause irritation of respiratory system.

**Symptoms/Injuries After Skin Contact:** Prolonged contact may cause irritation.

**Symptoms/Injuries After Eye Contact:** Causes eye irritation.

**Symptoms/Injuries After Ingestion:** Harmful if swallowed.

**Chronic Symptoms:** Not classified.

#### Information on Toxicological Effects – Ingredient(s)

**LD50 and LC50 Data:**

Sodium bicarbonate (144-55-8)	
LD50 Oral Rat	4220 mg/kg

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity Ecology – General:** Not classified. **Ecology – Water:** Not classified.

Sodium bicarbonate (144-55-8)	
LC50 Fish 1	8250-9000 mg/l (Exposure time: 96 h) Species: Lepomis macrochirus
EC50 Daphnia	2350 mg/l (Exposure time: 48h) Species: Daphnia magna

**Persistence and Degradability** Not available.

**Bioaccumulative Potential** Not available.

**Mobility in Soil** Not available. **Other Information:** Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Ecology – Waste Materials:** Not classified.

### SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT	:	Not regulated for transport.
14.2 In Accordance with IMDG	:	Not regulated for transport.
14.3 In Accordance with IATA	:	Not regulated for transport.
14.4 In Accordance with TDG	:	Not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

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<b>SARA Section 311/312 Hazard Classes</b>	Immediate (acute) Health hazard.
<b>Sodium bicarbonate (144-55-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory.	
<b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory.	

### US State Regulations

<b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)</b>	
U.S. - Texas - Effects Screening Levels - Long Term.	
U.S. - Texas - Effects Screening Levels - Short Term.	

### Canadian Regulations

<b>Sodium bicarbonate (144-55-8)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
<b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

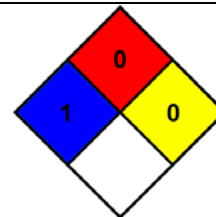
## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

<b>Revision date</b>	: 11/16/2017
<b>Other Information</b>	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Acute Tox 4 (Oral)	Acute toxicity (Oral) Category 4.
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard Category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard Category 1.
Eye Dam. 1	Serious eye damage/eye irritation Category 1.
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B.
Skin Corr. 1B	Skin corrosion/irritation Category 1B.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H320	Causes eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

<b>NFPA Health Hazard</b>	: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
<b>NFPA Fire Hazard</b>	: 0 - Materials that will not burn.
<b>NFPA Reactivity</b>	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

<b>Health</b>	: 1 Slight Hazard - Irritation or minor reversible injury possible.
<b>Flammability</b>	: 0 - Minimal Hazard.
<b>Physical</b>	: 0 - Minimal Hazard.

### Party Responsible for the Preparation of This Document

Alex C. Fergusson, LLC.  
800 Development Avenue  
Chambersburg, PA 17201  
T: 800-345-1329

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*