

# SAFETY DATA SHEET

## 1. IDENTIFICATION AND GENERAL INFORMATION

P/N#: **2041-11K**  
Nomenclature: **Bitter (Denatonium Benzoate) Fit Sensitivity Solution #1**  
**Recommended Use of the Chemical & Restrictions on Use:**  
Uses: Sensitivity Test Solution  
Company Name: Allegro Industries  
Address: 1360 Shiloh Church Rd  
Piedmont, SC 29673  
864-846-8740  
Chemtrec: 800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)  
For the full text of the H-Statements mentioned in this Section, see Section 16.

### GHS Label elements, including precautionary statements

Pictogram Does not apply

Signal word Does not apply

### Hazard statement(s)

None

### Precautionary statement(s)

None

**Hazards not otherwise classified (HNOC) or not covered by GHS - none**

## 3. COMPOSITION

### Substances

Component	CAS-NO	Percent
Denatonium benzoate	3734-33-6	<.02%
Sodium Chloride	7647-14-5	4.98%
Water	7732-18-5	95%

### Hazardous Components

None

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 4. FIRST AID MEASURES

### Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.  
If inhaled: If breathed in, move person into fresh air. Get medical attention, if unwell.  
In case of skin contact: First aid measures not anticipated  
In case of eye contact: First aid measures not anticipated  
If swallowed: First aid measures not anticipated

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

no data available

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## 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special hazards arising from the substance or mixture

None

Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Further information: no data available

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel.

Reference to other sections: For disposal see section 13.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

For industrial or professional use only. Do not eat, drink or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

No storage requirements

Specific end use(s): Apart from the uses mentioned in section 1 no other specific uses are stipulated

## 8. EXPOSURE CONTROLS

### Control parameters

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

Eye/face protection: None

Skin protection: None

Body Protection: None

Respiratory protection: None

### Control of environmental exposure

Do not let product enter drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Form: Liquid; Color: White

Odor: no data available

Odor Threshold: no data available

pH: no data available

Melting point/freezing point: Melting point/range: 164 - 168 °C (327 - 334 °F) - lit.

Initial boiling point and

boiling range: no data available

Flash point: 100 °C (212 °F) - ISO 2719

Evaporation rate: no data available

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Flammability (solid, gas):	no data available
Upper/lower flammability or explosive limits:	no data available
Vapor pressure:	no data available
Vapor Density:	no data available
Relative density:	0.3846 g/cm <sup>3</sup> at 26 °C (79 °F)
Water solubility:	42.55 g/l at 25 °C (77 °F) - completely soluble
Partition coefficient:	log Pow: 2.205 at 25 °C (77 °F)
n- octanol/water:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Viscosity:	no data available
Explosive properties:	no data available
Oxidizing properties:	no data available
Other safety information:	no data available

## 10. STABILITY AND REACTIVITY

Reactivity:	Non-reactive
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur
Conditions to avoid:	None
Incompatible materials:	None

### Hazardous decomposition products

Other decomposition products - none  
In the event of fire: see section 5

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

LD50 Oral - rat - 584 mg/kg

Remarks: Behavioral:Somnolence (general depressed activity). Behavioral:Tremor. Behavioral:Ataxia.

LC50 Inhalation - Rat - male and female - 4 h - > 8.7 mg/l  
(OECD Test Guideline 403)

LD50 Dermal - Rat - male and female - > 2,000 mg/kg  
(OECD Test Guideline 402)

**Skin corrosion/irritation:** Irritation not expected

#### Serious eye damage

**/eye irritation:** Irritation not expected

#### Respiratory or skin sensation:

no data available

**Germ cell mutagenicity:** no data available

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Specific target organ toxicity - single exposure:**

insufficient data

**Specific target organ toxicity - repeated exposure:**

no data available

**Aspiration hazard:** no data available

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**Additional Information:** RTECS: BO6650000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

Toxicity: no data available  
Persistence and degradability: no data available  
Bioaccumulative potential: no data available  
Mobility in soil: no data available  
Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted  
Other adverse effects: no data available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

## 14. TRANSPORT INFORMATION

DOT (US): Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods

## 15. REGULATORY INFORMATION

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.  
SARA 311/312 Hazards: Acute Health Hazard

### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Denatonium benzoate	3734-33-6	

### New Jersey Right To Know Components

	CAS-No.	Revision Date
Denatonium benzoate	3734-33-6	

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

<u>NFPA</u>		<u>HMIS</u>	
Health hazard:	0	Health hazard:	0
Fire Hazard:	0	Chronic Health Hazard:	
Reactivity Hazard:	0	Flammability:	0
		Physical Hazard:	0

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