

Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Catalog Number: 7700-36
Product Name: Fit Test Sensitivity Solution
Chemical Name: Denatonium Benzoate (Bitrex)
Manufacturer: North Safety Products
2000 Plainfield Pike
Cranston, RI 02921-2019
Tel: 401-943-4400
Emergency Telephone Number: 800-424-9300

Section 2: COMPOSITION, INFORMATION ON INGREDIENTS

Composition:

Ingredient Name:	CAS Number:	Percentage by weight
Denatonium Benzoate	3734-33-6:	0.013 %
Sodium Chloride	N/A	5.000 %
Water	N/A	94.984 %

Exposure Limits:

ACGIH TLV: None
OSHA PEL: None
NIOSH REL: None
NIOSH IDLH: None

Section 3: HAZARDS IDENTIFICATION

Appearance: Colorless, odorless liquid with bitter taste

Section 4: FIRST AID MEASURES

First aid for Eye Contact: No need for first aid is anticipated
First aid for Skin Contact: No need for first aid is anticipated
First aid for Inhalation: No need for first aid is anticipated
First aid for Ingestion: No need for first aid is anticipated

Section 5: FIRE FIGHTING MEASURES

Will not burn

NFPA Hazard Code: Health 0; Fire: 0; Reactivity 0

Unusual Reaction Hazard: None

Section 6: ACCIDENTAL RELEASE MEASURES

**Spill or leak procedures: Adsorb spill and dispose in a closed container.
Clean residue with water.**

Section 7: HANDLING AND STORAGE

Storage: Store at room temperature.

Section 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: None needed

Skin Protection: None needed

Respiratory Protection: Avoid prolonged breathing

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Liquid

Color: Colorless

Odor: None

Taste: Bitter

Freezing Point: 28° F (-2° C)

Solubility: 100%

Specific Gravity: 1.05

Section 10: STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibilities: None known

Decomposition Products: None known

Section 11: TOXICOLOGICAL INFORMATION

Human Data: There has been only one report of any toxic effects to man which involved contact urticaria and asthma from Denatonium Benzoate crystals. No reports exist for aqueous solutions.

Section 12: ECOLOGICAL INFORMATION

No data available

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: May be discharged to a wastewater system.
RCRA Hazard Class: Not Listed

Section 14: TRANSPORT INFORMATION

Non-hazardous for shipping

Section 15: REGULATORY INFORMATION

None known

Section 16: OTHER INFORMATION

Reason for Issue: New product
Prepared by: W. Newcomb
Date: February 19, 2003

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