03./23 '01 06:05

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INGREDIENT	VALUE	UNIT	TYPE	HULA	SKIN*
Water Sodium Chloride Denatonium Benzoale	NONE NONE	none none	noke None None	NONE NONE	
* SKIN NOTITION: Listed substances ind the potential contribution to the overa including muchus membrane and eye, eith by direct contact with the substance.	TT EXPOS	rhorne or	. move pa	rticul	arly,
SOURCE OF EXPOSURE LIMIT DATA: - NONE: None Established			/		
0. HEALTH HAZARD DATA		/			
EYE CONTACT: No adverse health effects are expects	ed from	eye centac	n		
SKIN CONTACT: No adverse health effects are expected	ed from	skiji conta	act.		
INHALATION: No adverse health effects are expect.	ed from	nhalatio	- екрояште	١.	
IF SWALLOWED: No adverse health effects are expect				•	
Denatonium Benzoate is a very bitter products as an aversive agent agains	chrnica t on 1d	i used in ingestion	many cons	sumer	
GECTION CHANGE DATES		M			
GECTION CHANGE DATES INGREDIENTS SECTION CHANGE S1	NCE Apri	1 09 199	7 188	 DE	
	NCE Apri	1 09 199	7 1880	DE	
			_		imately
INGREDIENTS SECTION CHANGE S1	/A - Not	Applicab	_		imately
INGREDIENTS SECTION CHANGES SI Abbreviations: N/D - Not Detyrmined N MSDS: FT-31, Denatonium Berroate Sensi	/A - Not	Applicab	_		

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MATERIAL SAFETY
                Зм
DATA SHEET
                3M Center
                St. Paul, Minnesota
                55144-1000
                1-800-364-3577 or (651) 737-6501 (24 hours)
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DIVISION: OCCUPATIONAL HEALTH & ENVIRON. SAFETY
TRADE NAME:
 FT-32, Denatonium Benzoate Fit Test Solution
ID NUMBER/U.P.C.:
 70-0707-0966-5 +H-44446-99750-0 78-8113-5576-3
ISSUED: June 21, 1999
SUPERCEDES: April 09, 1997
DOCUMENT: 07-6218-7
                                                PERCENT

    INGREDIENT

                                 C.A.S. NO.
                                                  - 100
                                 7732-18-5
Water....
                                 7647-14-5
Sodium Chloride.....
                                            Э
                                            G
EVAPORATION RATE: ..... N/A
SOLUBILITY IN WATER: ..... complete
SPECIFIC GRAVITY:..... 1.034 Water-1
PERCENT VOLATILE: ..... N/A
pH:..... ca. 6.52
APPEARANCE AND ODOR:
 Liquid, Clear, odorless solution with a bitter taste. Freezing point
 = -4 degrees Centigrade.
Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately
```

MSDS: FT-32, Denatonium Benzoate Fit Test Solution June 21, 1999

PAGE 2

03/23 '01 06:06

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Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	HTUA	skin*
Water Sodium Chloride Denatonium Benzoate	none none none	NONE NONE	none none none	NONE NONE NONE	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

No adverse health effects are expected from nye contact.

No adverse health effects are expected from skin contact.

No adverse health effects are expected from inhalation exposure.

No adverse health effects are expected from swallowing.

Dentonium Benzoate is a very bitter chemical used in many consumer products as an aversive agent against child ingestion.

SECTION CHANGE DATES

INGREDIENTS

SECTION CHANGED SINCE April 09, 1997

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: FT-32, Denatonium Benzoate Fit Test Solution June 21, 1999

PAGE 5

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