

# MATERIAL SAFETY DATA SHEET

## Tubulicid Red Label

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Date of issue: 2004-09-13

Replaces date: 2003-03-05

### 1. Identification of the substance/preparation and of the company/undertaking

<b>PRODUCT NAME:</b> Tubulicid Red Label
<b>TYPE OF PRODUCT:</b> Dental Product. For cleaning and fluoride-impregnation of cavities
<b>MANUFACTURER:</b> Dental Therapeutics AB
<b>ADRESS:</b> Paviljongvägen 3-5
<b>POSTAL ADRESS:</b> SE-132 40 Saltsjö-Boo
<b>TELEPHONE:</b> +46 8 7168141
<b>TELEFAX:</b> +46 8 7182175
<b>INFORMATION ISSUED BY/CONTACT PERSON:</b> Kenneth Larsson

### 2. Composition /Information on ingredients

No:	Name:	CONC:	CAS-nr:	EC-Index-No:	EINECS No:	Classification:	R-phrases:
1.	Sodium fluoride	1,0%	7681-49-4	009-004-00-7	231-667-8	T	25-32-36/38

T+= Very toxic. T=Toxic. C= Corrosive, Xn= Harmful, Xi= Irritating, E= Explosive, O= Oxidizing, F+= Extremely flammable, F= Highly Flammable,

### 3. Hazards Identification

Must not be swallowed. Contains 1% Sodium fluoride. Irritating to eyes and skin. Sodium fluoride liberates very toxic gas in contact with acid.

### 4. First aid measures

#### SKIN CONTACT:

Wash of with soap and water.

#### INGESTION:

Drink plenty of water or milk/cream. If large amount have been ingested, seek medical advise.

#### EYE CONTACT:

Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. If symptoms remain, seek eye specialist.

### 5. Fire-fighting measures

#### EXTINGUISHING MEDIA:

To suit enviroment.

### 6. Accidental release measures

#### CLEANING PROCEDURES:

Take up. Clean up affected area with water.

### 7. Handling and storage

#### HANDLING:

**STORAGE:** Tightly closed, at room temperature. Do not store together with beverages and provisions. Keep out of reach of children.

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### 8. Exposure controls/personal protection

#### PREVENTIVE CAUTIONS

Wear suitable eye protection.

Have an eye-rinse fluid near the manufacturing area.

### 9. Physical and chemical properties

<b>Form:</b> Liquid	
<b>Colour:</b> Clear	
<b>Odour:</b> Odourless	
<b>Solubility:</b> Soluble in water	
<b>Melting temperature:</b>	<b>Boiling temperature:</b> +100 degr. C°
<b>Density:</b>	<b>Flash point:</b>
<b>Explosion limits:</b>	<b>pH value:</b> 7,3
<b>Vapor pressure:</b>	<b>Solubility in Water:</b>

### 10. Stability and reactivity

### 11. Toxicological information

#### ACUTE TOXICITY

LD50 (oral, rat): NaF 52 mg/l

#### INGESTION:

In large amounts, vomiting, diarrhea

#### EYE CONTACT:

Irritation, pain

### 12. Ecological information

#### ECOTOXIC EFFECTS:

**Following applies to inorganic fluorides in general.** Biological effects: fish: *L. idus* LC50 660mg/l ; bacteria: *Ps. putida* toxic from 231 mg/l up; algae: *Sc. quadricauda* toxic from 249mg/l up; protozoa: *E. sulcatum* toxic from 101mg/l up; *U.parduzi* toxic from 71mg/l up. (all values as NaF). Hazard from drinking water.

### 13. Disposal considerations

Contact waste disposal companies, which will advise you how to dispose of special waste.

### 14. Transport information

**LAND TRANSPORT:** ADR/RID

**RIVER TRANSPORT:** ADN/ADNR

**SEA TRANSPORT:** IMDG

**AIR TRANSPORT:** ICAO-IIATA and IATA-DGR

### 15. Regulatory information

Labeling according to EEC directives

Content must not be swallowed, contains 1 % sodium fluoride.

### 16. Other information

#### ONLY FOR PROFESSIONAL DENTAL USE.

The bottle is made of PET 01, Eastpac PET Copolyester 9921W, and is recyclable. Cap is made of HD-PE and is also recyclable.

The information above is believed to be accurate and represents the best information currently available to us.

Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages.