

# MATERIAL SAFETY DATA SHEET

## Tubulicid Red Label

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Date of issue: 2012-12-19

Replaces date: 2009-02-17

### 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 and dentinal surfaces
<b>MANUFACTURER:</b> Dental Therapeutics AB
<b>ADDRESS:</b> Paviljongvägen 3-5
<b>POSTAL ADDRESS:</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. 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.

### 3. 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,

### 4. First aid measures

#### SKIN CONTACT:

Wash off with soap and water.

#### INGESTION:

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

#### 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 environment.

### 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

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