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1. Identification of substances/mixture and of the company/undertaking

1.1. Product identifier

Trade name: See- It Caries detector Red
Product number: (ST 25852)10ml- (ST 25853)1ml

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended applications: Medical equipment. To identify and distinguish between bacterial and infected carious dentin and non-infected (decalcified) carious dentin. 1-2 drops are used per application.

Applications advised against: May only be used as described above, other applications must be done in consultation with the supplier.

1.3. Details of the supplier of the safety data sheet

Company name and address:

RØNVIG Dental Mfg. A/S
Gl. Vejlevej 59
DK-8721 Daugaard
Phone: +45 70 23 34 11
e-mail: export@ronvig.com

Contact person and email: Stefan Ryom, sr@ronvig.com

1.4. Emergency telephone number

Poison Center: +45 82 12 12 12

SECTION 2: Hazard Identification

2.1. Classification of the substance or mixture

The product is not subject to labeling according to CLP regulation 1272/2008.

2.2. Label elements

-

Signal words:

-

2.3. Other hazards

-

Other marking: -


Other: -

SECTION 3: Composition/information on ingredients

3.1./3.2. Substances / Mixtures

Contains no substances subject to disclosure. Contains no environmentally problematic substances.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Not applicable.
Ingestion:	Rinse mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical attention if discomfort continues.
Skin contact:	Wash skin with soap and water. Seek medical attention if discomfort continues.
Eye contact:	In case of contact with eyes, rinse immediately with plenty of water (preferably from an eye wash station) until the irritation subsides. Seek medical attention if irritation persists.
Additional information:	When contacting a doctor, bring the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

May be slightly irritating to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to a doctor or in the emergency room

SECTION 5: Firefighting measures

5.1. Extinguishing media

All extinguishing media can be used. Do not use water jet as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not flammable.

5.3. Advice for firefighters

Wear self-contained breathing protection if there is risk of exposure to fumes and smoke.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions


Avoid discharging large amounts of concentrated waste and residues to the sewer - see section 12.

6.3. Methods and material for containment and cleaning up

Wipe up spills with a cloth.

6.4. Reference to other sections

See above.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored securely and out of the reach of children. Should be stored in tightly closed original packaging.

7.3. Specific end use(s)

See application sec. 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits according to Executive Order no. 655 of 31/05/2018 on exposure limits for substances and materials, with subsequent amendments: None.

DNEL/PNEC-values:

No data.

8.2. Exposure controls

There is no exposure scenario for this product.

Appropriate engineering controls:


Wash hands after use.

Personal protective equipment:

Inhalation:	Not required.
Hands:	Not required.
Eyes:	Not required.
Skin and body:	Not required.

Environmental exposure controls

Not applicable.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Red liquid
Smell:	Neutral
Odor threshold:	Not applicable
pH:	7.5 - 10.0
Melting point/Freezing point (°C):	Not applicable
Initial boiling point and boiling range (°C):	Not applicable
Flash point (°C):	Not flammable
Evaporation rate:	Not applicable
Flammability (solid, gas):	Not applicable
Upper/lower ignition or explosion limits (vol-%):	Not applicable
Vapor pressure (Pa):	Not applicable
Vapor density (air=1):	Not applicable
Relative density (g/ml):	About 1.0
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition temperature (°C):	Not applicable
Decomposition temperature (°C):	Not applicable
Viscosity (cP):	100 -150cP
Explosive properties:	Not applicable
Oxidizing properties:	Not applicable

9.2. Other information

Soluble in fat:	Insoluble
Surface tension (mN/m, 25 °C):	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable when used in accordance with manufacturer's instructions.

10.3. Possibility of hazardous reactions

None special.

10.4. Conditions to avoid

None known.

10.5. Materials to avoid

None known.

10.6. Hazardous decomposition products

None at the recommended storage conditions.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	No known hazards.
Skin corrosion/irritation:	No known hazards.
Serious eye damage/eye irritation:	May be slightly irritating.
Respiratory or skin sensitization:	No known hazards.
Germ cell mutagenicity:	No known hazards.
Carcinogenicity:	No known hazards.
Reproductive toxicity:	No known hazards.
STOT - single exposure:	No known hazards.
STOT - repeated exposure:	No known hazards.
Aspiration hazard:	No known hazards.

SECTION 12: Ecological information

Substance	Duration of the test	Nature	Test	Result
None	-	-	-	-

12.2. Persistence and degradability

Substance	Degradability in the aquatic environment	Test	Result
None	-	-	-

12.3. Bioaccumulative potential

Substance	Potential bioaccumulative	LogPow	BCF
None	-	-	-

12.4. Mobility in soil

Test data not available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

12.6. Other adverse effects

No adverse effects.

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SECTION 13: Disposal

13.1. Waste treatment methods

The product is not hazardous waste in accordance with the Executive Order about waste. It is recommended that waste and refuse be disposed of via the municipal waste scheme with the specifications below.

Chemical waste group	EAC code	Waste type
H	18 01 07	Chemicals, other than waste belonging to 18 01 06

Special labeling: -

Contaminated packaging:

Packaging, with residual content of the product, is disposed of under the same conditions as the product.

SECTION 14: Transport information

The product is not covered by the rules of transport of dangerous goods by road and sea according to ADR and IMDG.

14.1 -14.4. : -

14.5. Environmental hazards: -

14.6. Special precautions for user:-

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

-

Restrictions on use: -

Requirements for special education: -

Other marking: -

Sources:

The Danish Working Environment Authority's executive order no. 301 of 13 May 1993 on determination of code numbers, with subsequent amendments.

Executive Order on work with substances and materials (chemical agents) - BEK no. 1793 of 18/12/2015.

The Danish Working Environment Authority's executive order no. 239 of 6 April 2005 about youth work, with subsequent amendments. Executive Order no. 1369 of 25 November 2015 on the marketing and labelling of volatile organic compounds in certain paints and varnishes as well as products for car repair painting.

Executive Order no. 1075 of 24 November 2011 on classification, packaging, labelling, sale and storage of substances and mixtures, with subsequent amendments. Executive Order no. 115 of 26 January 2017 of the Chemicals Act.

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Executive Order on special duties for manufacturers, suppliers and importers, etc. of substances and materials in accordance with the Working Environment Act – BEK no. 1794 of 18/12/2015.
 Executive Order no. 655 of 31/05/2018 on thresholds for substances and materials, with subsequent amendments.
 Executive Order no. 224 of 08/03/2019 on waste, with subsequent amendments.

15.2. Chemical Safety Assessment
None.

SECTION 16: Other information

Other information:

Sources:

EU Regulation No 1907/2006 (REACH).
 EU Regulation 1272/2008 (CLP), as amended.
 EU Regulation No 276/2010.
 ECHA - European Chemicals Agency.

Full text of H-Statements referred to in sections 2+3:

-

Classification according to Regulation (EC) No 1272/2008:	
-	-

Abbreviations and acronyms used in the safety data sheet:

REACH: Registration, assessment and approval of and restrictions on chemicals. Regulation (EC) No 1907/2006.

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging.

CAS-nr.: Chemical Abstracts Service Number.

EC No: EINECS and ELINCS numbers (see also EINECS and ELINCS). DNEL: Derived No-Effect Level.

PNEC: Predicted No Effect Concentration. STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose for 50% of a trial population.

LC50: Lethal Concentration for 50% of a trial population. EC50: The effective substance concentration that results in 50% of maximum response.

PBT: Persistent, Bioaccumulative and Toxic. vPvB: Very Persistent and Very Bioaccumulative.

Other

The information in this safety data sheet only applies to the product mentioned in section 1 and is not necessarily valid when used with other products.