

MATERIAL SAFETY DATA SHEET

Date of issue/revision: 2012-12-05 Replaces: -

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Trade name	RONDELL BLUE
Intended use	Plaque disclosing agent
Emergency telephone	+ 46 8 506 505 75
Distributor	Directa AB P.O. Box 723 SE-194 27 Upplands Väsby, Sweden Tel: + 46 8 506 505 75 Fax: + 46 8 590 306 30 E-mail: info@directadental.com

2. HAZARDS IDENTIFICATION

The product is not harmful.
All components are approved as food additives according to legislation in European Union and Japan..

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	CAS nr	E nr	Concentration %
Water			50 - 80
Glycerine	56-81-5		20 - 50
Erythrosine	16423-68-0	127	1 - 5
Ethanol	64-17-15		1 - 5
Brilliant blue	3844-45-9	133	0 - 2
Peppermint oil	8006-90-4		0 - 0,2
Ethylparaben sodium salt	35285-68-8	215	0 - 0,1

4. FIRST AID MEASURES

Inhalation	No measure.
Skin contact	No measure.
Eye contact	Rinse with water. Contact a doctor if any problem remains.
Ingestion	No measure (some pads). Contact a doctor (many pads).

5. FIRE FIGHTING MEASURES

Fire fighting	No measure.
Fire and explosion hazards	None.

6. ACCIDENTAL RELEASE MEASURES

No measure.

7. HANDLING AND STORAGE

Storage	Refrigerator or room temperature.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control	Not relevant.
Eye protection	None.
Hand protection	None for personal protection. Surgical gloves or similar are practical to use, because the red dye is difficult to clean away.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pads (rondells) 100 in one pot.
Colour	Blue/red
Odour	Peppermint.
Solubility	Water.
Melting point/range	< 0° C
Boiling point/range	> 100° C
Density	1124 kg/cubic dm
Flash point	> 100° C
Expl. Limit LEL UEL	--
pH concentrate	7 – 8
Molecular weight	--

10. STABILITY AND REACTIVITY

Stability	3 years in room temperature.
Reactivity	Not relevant.

11. TOXICOLOGICAL INFORMATION

All components are approved as food additives according to legislation in European Union and Japan.

Erythrosine	LD 50 (oral, rat) 1840 - 7100 mg/kg (JECFA) ADI (acceptable daily intake) 0 – 0,1 mg/kg (JECFA).
Brilliant blue	LD 50 (oral, rat) 2000 mg/kg (JECFA). ADI (acceptable daily intake) 0 – 12,5 mg/kg (JECFA).

The other ingredients are neglectable from a toxicological point of view.

12. ECOLOGICAL INFORMATION

Neglectable effect.

13. DISPOSAL CONSIDERATIONS

Incineration is recommended (the pot is made from HD polyethylene and the pads are based on cotton and cellulose).

14. TRANSPORT INFORMATION

No limitations.

15. REGULATORY INFORMATION

No marking needed.

16. OTHER INFORMATION

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