

**MATERIAL SAFETY DATA SHEET**

Date of issue/revision: 2014-05-03 Replaces: 2012-12-05

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

Trade name RONDELL BLUE/RONDELL RED

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  
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**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 FCF	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.

**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).
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 FCF	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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