

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
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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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