



**WRIGHT  
COTTRELL**

**WRIGHT HEALTH GROUP Ltd**

**Material-Safety Data Sheet (Directive 91/155/EEC)**

**IMPORTANT**

Read this MSDS before handling and disposing of this product and pass this information onto employees, customers and users of this product.

**1. IDENTIFICATION**

**Product name:** Redifix  
**Company name:** Wright Cottrell  
**Company address:** Kingsway West, Dundee, DD2 3QD  
**Company phone no:** 01382 833866  
**Emergency phone no:** 01382 833866

**2. COMPOSITION/INFORMATION ON PREPERATION**

Compositions given are typical values, not specifications.

Components name	%Weight	CAS No	EINECS No
Denatured Alcohol Solution	~40%	64-17-5 67-63-0	200-578-6 200-661-7
Wetting agent	~0.7%	577-11-7	209-406-4

**3. HAZARDS IDENTIFICATION**

Highly flammable liquid.

**4. FIRST AID MEASURES**

**Inhalation:** Remove patient from exposure, keep warm and rest. Seek medical attention if ill effects occur.  
**Skin contact:** Wash with soap and water. If irritation persists seek medical attention.  
**Eye contact:** Flush with copious amounts of water. Seek medical attention.  
**Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical attention.  
**Emergency medical Treatment:**

**5. FIRE FIGHTING MEASURES**

Suitable extinguishers: Water spray, alcohol resistant foam.

Unsuitable extinguishers: Water jet.

Special equipment: Self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

Wear suitable clothing (Section 8). Eliminate sources of ignition. Prevent entry into drains, sewers and watercourses. Absorb using earth, sand or other inert material. Transfer to a salvage tank or suitable labelled container for waste disposal. Disperse vapours with water spray and flush area with water.



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**7. HANDLING AND STORAGE**

**Handling:** Good general ventilation.  
Avoid contact with skin and eyes.  
Keep container closed when not in use.

**Storage:** Keep in a cool dry place.  
Keep away from oxidising agents, sulphuric acid and nitric acid  
Store in mild steel, stainless steel, copper, or its alloys.  
DO NOT store in aluminium or its alloys.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure limits: 1000 ppm (1900 mg/m<sup>3</sup>), 8 hour TWA  
Wear PVC gloves, chemical goggles or face shield, overalls and boots and respirator  
for organic vapours if required. Always wash thoroughly after handling chemicals.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state at 25 °C:</b>	Liquid
<b>Colour:</b>	colourless
<b>Odour:</b>	Peppermint
<b>Freezing point (°C):</b>	-114 °C
<b>Initial boiling point (°C):</b>	78 °C
<b>Density at 20 °C (kg/m<sup>3</sup>):</b>	789 kg/m <sup>3</sup>
<b>Vapour pressure (Kpa) at 20 °C:</b>	5.81 Kpa
<b>Relative vapour density (air=1):</b>	789K/m <sup>3</sup>
<b>Viscosity at 25 °C (mPas):</b>	no data available
<b>Solubility in Water (% weight):</b>	Soluble
<b>Flash point (°C):</b>	no data available
<b>Auto ignition temperature (°C):</b>	no data available
<b>Flammability limits in air</b>	
- Lower (% vol):	no data available
- Upper (% vol):	no data available

**10. STABILITY AND REACTIVITY**

Stable under normal conditions. Avoid high temperatures and sources of ignition. Avoid oxidising agents, sulphuric acid and nitric acid. Produces oxides of carbon on decomposition.

**11. TOXICOLOGICAL INFORMATION**

Low order of acute toxicity. Adverse effects on liver tissue were noticed in laboratory animals after repeated exposure by ingestion and inhalation. Eye irritant causing transient corneal damage. Minimal signs of skin irritation.  
LD50 6200 – 17800 mg/kg Oral – Rat > 2000mg 1 kg skin - Rabbit



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**12. ECOLOGICAL INFORMATION**

Volatile product and will partition to the air phase. Product will dissolve rapidly in water. Product is readily biodegradable.

BODS – 37.74% of TLOD BOD = 75 – 84% TLOD

Not expected to bio accumulate

LC50 Trout – 11400 mg/l Toxicity threshold concentration, algae = 5000mg/l

**13. DISPOSAL CONSIDERATIONS**

Substance: Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: (as substance) Used container must not be cut up or punctured until completely purged of product residues.

**14. TRANSPORTATION INFORMATION**

UN number: 1170 and 1219 3

UN Packaging group: II

Primary hazard: Highly flammable

HI number: 33

Class/Item no.: 3.3 deg (b)

Emergency action code: 2[S]E

R11: Highly flammable

R22: Harmful if swallowed

R36: Irritating to eyes

R67: Vapours may cause drowsiness and dizziness

S7: Keep container tightly closed

S16: Keep away from sources of ignition – no smoking

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**15. REGULATORY INFORMATION**

Risk phrases: II – highly flammable

Users should ensure that they comply with any relevant local, state or national legislation.



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**16. OTHER INFORMATION**

The instructions given here are valid only for the products as supplied. Not for derivatives resulting from its use.

Handling of product is exclusively by dental specialists according to instructions for use.

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 91/155/EEC.

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**17. DISCLAIMER OF LIABILITY**

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and any other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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