



SAFETY DATA SHEET

Radweld 250ml

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

PRODUCT NAME: Radweld 250ml
PART No.: RW2R
IN-HOUSE No.: A840
EMERGENCY TELEPHONES: Out of office hours: +44 (0)20 7358 9167

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
TRIETHANOLAMINE			0-1 %
102-71-6	203-049-8	Xi R-36/37/38	
PHOSPHORIC ACID			0-1 %
7664-38-2	231-633-2	C R-34	
NON HAZARDOUS INGREDIENTS			60-100 %
		- Not classified.	
SODIUM BORATE			1-5 %
1303-96-4		- Not classified.	

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES:

INHALATION: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN: Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
SODIUM BORATE	1303-96-4	OES	5 mg/m ³	No std.
TRIETHANOLAMINE	102-71-6		No std.	No std.
PHOSPHORIC ACID	7664-38-2	OES	1 mg/m ³	2 mg/m ³

INGREDIENT COMMENTS: OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

PROTECTIVE GLOVES: Use suitable protective gloves if risk of skin contact.

Blue Nitrile, powder-free. Category 3.

EYE PROTECTION: If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK PRACTICES: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Liquid.

COLOUR: N/A.

ODOUR/TASTE: Characteristic.

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid excessive heat for prolonged periods of time.
HAZARDOUS DECOMP. PRODUCTS:	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION:

INHALATION:	No specific health warnings noted.
INGESTION:	May cause discomfort if swallowed. May cause stomach pain or vomiting.
SKIN:	Prolonged or repeated exposure may cause severe irritation.
EYES:	Spray and vapour in the eyes may cause irritation and smarting.
HEALTH WARNINGS:	This product has low toxicity. Only large volumes may have adverse impact on human health.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	Not regarded as dangerous for the environment.
MOBILITY:	Phosphoric acid: Soluble in water Triethanolamine: Significant department likely to be water Disodium tetraborate: Soluble in water
BIO ACCUMULATION:	Phosphoric acid: No data Triethanolamine: Low, on the basis of log Kow. Disodium tetraborate: No data
DEGRADABILITY:	Phosphoric acid: Significant compartment likely to be water. Persistence in water, pKa =2.2,7.1,12.4. Triethanolamine: Moderate biodegradation. Basic pKa=7.9 Disodium Tetraborate: Borates will associate strongly with metal ions and minerals found in the environment
ACUTE FISH TOXICITY:	Phosphoric acid: Fish do not tolerate acidic conditions Triethanolamine: Fish: low toxicity, moderate irritant; algae: low Disodium Tetraborate: Daphnia, low

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION:

RAIL TRANSPORT NOTES:	Not Classified.
SEA TRANSPORT NOTES:	Not Classified.
AIR TRANSPORT NOTES:	Not Classified.

15. REGULATORY INFORMATION:

NC Not classified

RISK PHRASES: Not classified.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-46 If swallowed seek medical advice immediately and show this container label.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

INFORMATION SOURCES: Croner: Substances hazardous to the Environment

REVISION COMMENTS: Change in section : 12

ISSUED BY: Colin Sawmy

REV. No./REPL. SDS GENERATED: 2/22-10-01

SDS No.: 10283

SAFETY DATA SHEET STATUS: Approved.

DATE: 19/01/03

DISCLAIMER: Any risk phrases shown in this section refer to the ingredients in Section 2: NOT to the preparation.

PRINTING DATE: 2003-02-18

R-PHRASES (Full Text): Not classified. R-36/37/38 Irritating to eyes, respiratory system and skin. R-34 Causes burns.