



R122 NEUTRAL SPOT REMOVER

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: NEUTRAL SPOT REMOVER **Product Code:** R122
Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No: 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S
Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the **UK National Poisons Information Service**, where our full product details are held.

Product Description & Directions For Use:

A powerful, safe neutral pH all purpose spot remover for use on all fibres including wool and stain-resistant nylon carpets. For best results, treat spots and spills as soon after occurrence as possible. Determine spot type. (Check application list on each spotter bottle in the Spot Remover kit to determine the correct spot remover.) Pretest carpet or fabric in a small inconspicuous area for dye sensitivity and colour fastness. Sponge or scrape up any surface spot material. Apply Neutral Spot Remover directly to spot with nozzle applicator. Blot with clean white absorbent cloth or paper towel. Do not rub. Deep spots may need light brushing. On larger spots, work from the outside of the spot toward the centre. Repeat above steps as necessary. Rinse area with damp sponge and clear water to remove excess spotter. Brush fabric to align fibres.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
2-(2-butoxyethoxy)ethanol	Xi R36	203-961-6	112-34-5	Less than 5%
Sodium xylene sulphonate	Xi R36/37/38	215-090-9	1300-72-7	Less than 5%
Sodium salt of copolymer	Xi R36	206-738-1	Not known	Less than 5%
Anionic surfactant	Xi R36	None	39354-45-5	Less than 5%
Alcohols, C7-21 ethoxylated	Xi R38 R41	None	68991-48-0	Less than 5%
Limonene	R10 Xi R38 R43 N R50/53	227-813-5	5989-27-5	Less than 0.1%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Not classified.

Eye Contact: Contact may cause mild eye irritation.

Skin Contact: Prolonged or repeated contact may cause mild irritation.

Inhalation: None expected in normal use.

Ingestion: Ingestion may produce mild nausea.

Environment: No cumulative effects. Raw materials are biodegradable. See Ecological Information for further details.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes, then seek medical attention if irritation persists.

Skin Contact: Flush skin with plenty of water. Seek medical attention if any skin irritation persists.

Inhalation: Get fresh air and seek medical assistance if breathing irritation persists.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

Fire/Explosion Hazards: No explosion hazard.

Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

Special Protective Equipment: None recommended.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Protective clothing, nitrile butyl rubber gloves, chemical splash goggles.

Containment and Disposal: Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Small spills can be flushed with water to sewage drain linked to waste treatment facility.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Wear nitrile butyl rubber gloves and safety glasses when handling concentrate.

Storage Precautions: Avoid extremes of temperature. Keep out of reach of children. Keep in original container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Occupational exposure limits not assigned by HSE EH/40 or ACGIH.

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

Eye Protection: Side shield safety glasses are recommended when handling.

Protective Clothing: Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Respiratory Protection: Not required in normal use.
Ventilation: Normal air circulation. Allow adequate ventilation in enclosed areas.
Hygiene: Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour/State: High foam clear liquid
Odour: Sweet Citrus
pH Concentrate: 7 **pH Diluted:** Not applicable
Boiling Point / Range °C: 100
Flash Point °C: None **Method:** Not applicable
Flammability Limit %: Not applicable
Explosive Properties: Not applicable
Oxidising Properties: Not applicable
Vapour Pressure: Not determined
Relative Density (Water = 1): 1.00 **Solubility:** 100%
Partition Coefficient (N-octanol / Water): Not determined
Viscosity: Not determined
Vapour Density: Not determined
Evaporation Rate: Not determined
% Active: 15.79
% Solids: 12

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extremes of temperature.
Incompatibility (Materials to Avoid): None recorded.
Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with concentrate may produce mild transient irritation.
Skin Contact: Mild irritation or possible mild dermatitis from prolonged or repeated contact.
Inhalation: No health effects expected other than possible mild irritation of the respiratory tract by spray mists.
Ingestion: Possible nausea and diarrhoea. No serious systemic effects expected.
Acute and Chronic Effects:
Acute Toxicity: LD50 6.6g/Kg (Oral-rat) (2-(2-butoxyethoxy)ethanol)
Corrosivity / Irritation: Skin, eye and respiratory.
Sensitisation: This product contains limonene.
Repeated Dose Toxicity: Not established.
Mutagenicity: None.
Carcinogenicity: None.
Teratogenicity: None.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Low aquatic toxicity.
LC50 24h static (Goldfish) = 2700mg/l (2-(2-butoxyethoxy)ethanol)
EC50 48h (Daphnia) = >1000mg/l (2-(2-butoxyethoxy)ethanol)
Mobility: Soluble in water.
Persistence and Degradability: The raw material ingredients in this product are biodegradable within the scope of current EC legislation. The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
The major packaging materials of polyethylene and fibreboard are recyclable.
Bioaccumulative Potential: None known.
Other Effects: None known or no relevant data available for substances in this preparation.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.
Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

Contact local Environment Agency office for waste holder requirements.

SECTION 14: TRANSPORT INFORMATION

UN No: None
Classification: Not classified as hazardous for transport
Proper Shipping Name: None
Packing Group: None
Road (ADR): None
Sea (IMDG): None
Air (ICAO / IATA): None
Rail (RID): None

SECTION 15: REGULATORY INFORMATION

Classification
Not classified as hazardous for supply.
Risk Phrases
None
Safety Phrases
S2 Keep out of the reach of children.
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.
S37 Wear suitable gloves.
S42 If swallowed, seek medical advice immediately and show this container or label.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended), **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

SECTION 16: OTHER INFORMATION

Risk Phrases: R10 Flammable. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R50 Very toxic to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment.
For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only.
The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.
Revisions: Replaces SDS R122 Issue / Revision Date 01/03/00
Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.