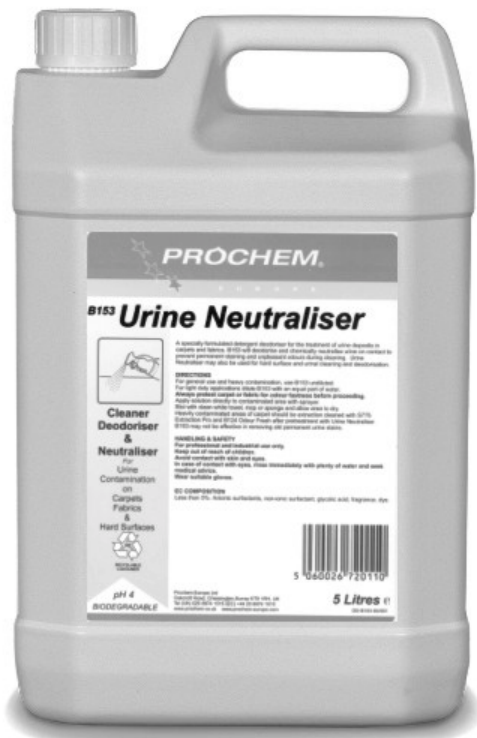




Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT 91/155/EEC AMD 93/112/EC AMD 2001/58/EC



B153

URINE NEUTRALISER

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: URINE NEUTRALISER **Product Code:** B153
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 specially formulated detergent deodoriser for the treatment of urine deposits in carpets and fabrics. B153 will deodorise and chemically neutralise urine on contact to prevent permanent staining and unpleasant odours during cleaning. Urine Neutraliser may also be used for hard surface and urinal cleaning and deodorisation.
 For general use and heavy contamination, use B153 undiluted.
 For light duty applications dilute B153 with an equal part of water.
Always pretest carpet or fabric for colour fastness before proceeding.
 Apply solution directly to contaminated area with sprayer.
 Blot with clean white towel, mop or sponge and allow area to dry.
 Heavily contaminated areas of carpet should be extraction cleaned with S775 Extraction Pro and B124 Odour Fresh after pretreatment with Urine Neutraliser.
 B153 may not be effective in removing old permanent urine stains.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Water	None assigned	None	None	More than 30%
Anionic surfactant	Xi R41 R38	None	2235-54-3	Less than 5%
Anionic surfactant	Xi R41 R38	271-557-7	68955-19-1	Less than 5%
Non-ionic surfactant	-	-	-	Less than 1%
Glycolic acid	-	-	-	Less than 1%
Fragrance (IFRA certified)	-	-	-	Less than 1%
Bactericide (DMDM Hydantoin (mixture))	-	-	-	Less than 1%
Dye	-	-	-	Less than 1%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Not classified as hazardous.
Eye Contact - Contact with concentrate may cause moderate eye irritation.
Skin Contact - Prolonged or repeated contact with concentrate may cause mild irritation.
Inhalation - None expected. Possible irritation of nose and throat from atomised spray mists.
Ingestion - Ingestion of concentrate may produce mild nausea and irritation.
Environment - Raw materials are biodegradable. See Ecological Information for further details.

SECTION 4: FIRST AID MEASURES

Eye Contact - Flush immediately with water for 10 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. Seek medical attention if breathing irritation persists.
Ingestion - If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. If large amounts are ingested and patient is fully conscious, induce vomiting.

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 hazards.
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, safety glasses or 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 or mixing.
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.co.uk or telephone 0800 585794

Eye Protection - Side shield safety glasses are recommended when handling and mixing concentrate.

Protective Clothing - Standard work clothing and nitrile butyl rubber gloves.

Respiratory Protection - Not required.

Ventilation - Normal air circulation.

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: Moderate foam/yellow tint/clear liquid

Odour: Lemon floral

pH Concentrate: 4 **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): 1.0

Solubility: 100%

Partition Coefficient (N-octanol / Water): Not determined

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 3.7

% Solids: 1

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Strong oxidising materials.

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 moderate transient irritation.

Skin Contact - Prolonged or repeated contact may cause mild irritation and possible dermatitis.

Inhalation - No health effects expected. Possible respiratory irritation from atomised spray by wetting agents.

Ingestion - Product is mildly acidic and may cause gastrointestinal irritation, and nausea.

Acute and Chronic Effects:

Acute Toxicity: LD50 > 2000mg/Kg (oral-rat) (anionic surfactant)

Corrosivity / Irritation: Skin, eye and respiratory.

Sensitisation: None known.

Repeated Dose Toxicity: Not established.

Mutagenicity: None

Carcinogenicity: None

Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Contains less than 1% alcohol ethoxylate.

LC50 fish 96h 1-10mg/l (alcohol ethoxylate)

Mobility: Soluble in water.

Persistence and Degradability: The raw material ingredients in this product are biodegradable within the scope of current EC legislation. The major packaging materials of polyethylene and fibreboard are recyclable.

Bioaccumulative Potential: Not known.

Other Effects: None known or no relevant data available for substances in this preparation.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be discharged to a sewage drain, which is linked to a local sewage and waste treatment facility. Large quantities of product for disposal should be consigned to a licensed haulier in accordance with UK and EC regulations.

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.

Risk Phrases

None

Safety Phrases

S2 Keep out of 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

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) 1999** (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: R38 Irritating to skin. R41 Risk of serious damage to eyes.

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 B153 Issue / Revision Date 01/09/99
Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16