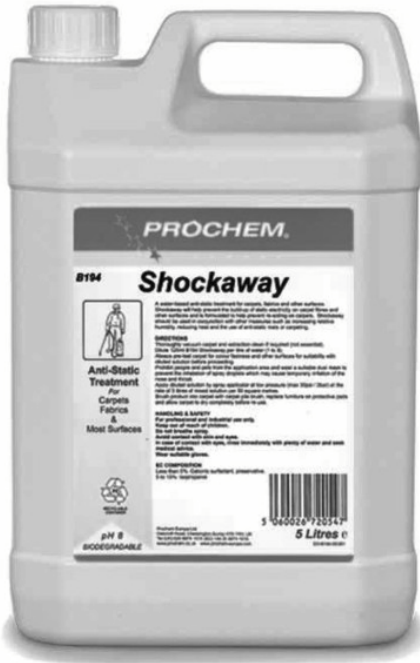




Product Specification &

SAFETY DATA SHEET

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



B194
SHOCKAWAY

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: SHOCKAWAY **Product Code:** B194
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 water-based anti-static treatment for carpets, fabrics and other surfaces. Shockaway will help prevent the build-up of static electricity on carpet fibres and other surfaces and is formulated to help prevent re-soiling on carpets. Shockaway should be used in conjunction with other measures such as increasing relative humidity, reducing heat and the use of anti-static mats or carpeting. Thoroughly vacuum carpet and extraction clean if required (not essential). Dilute 125ml B194 Shockaway per litre of water (1 to 8). Always pre-test carpet for colour fastness and other surfaces for suitability with diluted solution before proceeding. Prohibit people and pets from the application area and wear a suitable dust mask to prevent the inhalation of spray droplets which may cause temporary irritation of the nose and throat. Apply diluted solution by spray applicator at low pressure (max 30psi / 2bar) at the rate of 5 litres of mixed solution per 50 square metres. Brush product into carpet with carpet pile brush, replace furniture on protective pads and allow carpet to dry completely before re-use.

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%
Isopropanol	F R11 Xn R36 R67	200-661-7	67-63-0	5 to 15%
Non-ionic surfactants	Xn R22 Xi R36	None	None	Less than 5%
DMDM Hydantoin	-	-	-	Less than 1%
Iodopropynyl butylcarbamate	-	-	-	Less than 1%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Not classified.
Eye Contact: Contact with concentrate may cause moderate eye irritation.
Skin Contact: Prolonged or repeated contact with concentrate may cause mild irritation and possible dermatitis.
Inhalation: Exposure to atomised spray mists may cause temporary irritation of the nose and throat.
Ingestion: Ingestion of concentrate may produce nausea, irritation and systemic effects from isopropanol.
Environment: 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 is difficult.
Ingestion: Rinse mouth, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. DO NOT INDUCE VOMITING unless directed to do so by medical personnel.

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: Isopropanol WEL/OES-LTEL 400ppm Sk WEL/OES-STEL 500ppm Sk
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 concentrate or during spray application.
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: A mist or vapour mask is recommended during extended spraying applications or if sensitive to spray.

Ventilation: Ensure good 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: Moderate foam clear colourless liquid

Odour: Mild alcohol

pH Concentrate: 8 **pH Diluted:** 8

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: 10

% Solids: 7

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): None known.

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: Possible dermatitis from prolonged or repeated contact with concentrate.

Inhalation: No health effects expected other than possible respiratory irritation by wetting agents in spray mist form.

Ingestion: Mild systemic effects from isopropanol.

Acute and Chronic Effects:

Acute Toxicity: LD50 4800-5700mg/Kg (Oral-rat) (Isopropanol)

LD50 >500<2000mg/Kg (Oral-rat) (Alcohol ethoxylate)

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: LC50 fish 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.

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.

S23 Do not breathe spray.

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) 2002** (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: R11 Highly flammable. R22 Harmful if swallowed. R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.

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 B194 Issue / Revision Date 01/09/99
Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16