



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT 1907/2006 AMD 93/112/EC AMD 2001/58/EC



B144
STAIN PRO

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: STAIN PRO **Product Code:** B144
Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours only): 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S
 Website: www.prochem.co.uk Email: sales@prochem.co.uk
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 solvent and alkaline spotter for neutralising acidic or oily stains such as most food, blood, vomit, water based inks, fresh tea and coffee, milk, cream and wine on carpet and fabric.
 Scrape or blot up all excess soiling.
 Stain Pro is ready-to-use.
 Always pretest carpet or fabric for colour fastness and texture change before proceeding.
 Apply B144 solution directly to stain with sprayer and blot with white towel or tissue. Repeat until there is no further improvement. Do not rub. On wool and all fabrics, rinse treated area with B109 Fibre & Fabric Rinse.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified.
Eye Contact: Contact may cause moderate eye irritation.
Skin Contact: Prolonged or repeated contact may cause mild irritation and/or possible dermatitis.
Inhalation: None expected in normal use. Breathing spray mists may cause temporary irritation of the nose and throat.
Ingestion: Deliberate ingestion may produce nausea and irritation due to alkalinity. Possible systemic effects.
Environment: No cumulative effects. Raw materials are biodegradable. See Ecological Information for further details.

SECTION 3: 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%
2-(2-ethoxyethoxy)ethanol	Xi R36	203-919-7	111-90-0	Less than 5%

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes, then seek medical attention if irritation persists.
Skin Contact: Wash skin with soap and 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: 2-(2-butoxyethoxy)ethanol (IOELV) WEL-LTEL 10ppm WEL-STEL 15ppm.
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.
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: Moderate foam colourless liquid

Odour: Mint

pH Concentrate: 10.5 **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): 1.02 **Solubility:** 100%

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

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 6.5

% Solids: 4

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat can refract solvent content.

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 irritation if not promptly rinsed.

Skin Contact: Possible dermatitis from prolonged or repeated contact. Low skin absorption toxicity.

Inhalation: Excessive exposure may produce respiratory irritation.

Ingestion: Low oral toxicity. Gastro-intestinal irritation. Possible systemic effects from glycol ether.

Acute and Chronic Effects:

Acute Toxicity: LD50 6600mg/kg (oral-rat) (2-(2-butoxyethoxy)ethanol)

LD50 5600mg/kg (oral-rat) (2-(2-ethoxyethoxy)ethanol)

LD50 4200mg/kg (dermal-rabbit) (2-(2-ethoxyethoxy)ethanol)

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 24h 2700mg/l (fish) (2-(2-butoxyethoxy)ethanol)

EC50 48h >1000mg/l (daphnia) (2-(2-butoxyethoxy)ethanol)

Mobility: Soluble in water.

Persistence and Degradability: 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

Cleaning waste 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.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) REGULATIONS** (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: R36 Irritating 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 B144 Issue / Revision Date 01/10/05
Revised Sections: 1, 2, 3, 4, 8, 11, 12, 13, 15.