



**Product Specification &**

**SAFETY DATA SHEET**

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



**B175  
BROWNING  
PRESCRIPTION**

**SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY**

**Product Name:** BROWNING PRESCRIPTION **Product Code:** B175  
**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 acidic corrective agent for the direct spray treatment of jute cellulosic browning, yellowing, tea, coffee and tannin stains on carpets and fabrics. B175 is particularly useful for the improvement or removal of browning stains on coloured fibres and flooded carpets where an oxidising bleach cannot be used.

**Always pretest carpet or fabric for dye stability and texture change before proceeding.**

**Do not mix B175 with other cleaning agents.**

For direct stain removal, dilute 200ml. B175 per litre of water (1 to 5)  
 For carpet rotary and upholstery shampoo application, add 100ml. B175 per litre of ready-to-use B105 Fibre Shampoo solution (1 to 10).

Apply to affected area by sprayer, leave for 5 to 15 minutes, then rinse extract with clean water.

For severe stains, dilute B175 with an equal part of water and leave for a longer period before rinsing.

**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%
Citric acid	Xi R36/37/38	201-069-1	5949-29-1	Less than 5%
Glycolic acid	C R34 Xn R22	201-180-5	79-14-1	Less than 5%
Sulphamic acid	Xi R36/38 R52/53	226-218-8	5329-14-6	Less than 5%
Non-ionic surfactant	-	-	-	Less than 1%
Corrosion inhibitor	-	-	-	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 and possible dermatitis.

**Inhalation:** None expected. Possible breathing irritation if spray mists are inhaled.

**Ingestion:** Ingestion of large amounts may cause nausea, irritation and possible internal injury.

**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 and seek medical assistance if breathing is difficult.

**Ingestion:** If small amounts are ingested, 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 hazards.

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

**Special Protective Equipment:** Self-contained breathing apparatus for large amounts involved in fire.

**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:** AEL 8h & 12h TWA 10mg/m<sup>3</sup> (Glycolic acid)

**Environmental Controls:** For additional guidance, contact ENVIROWISE at [www.envirowise.gov.uk](http://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:** Not normally required. For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

**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:** Low foam colourless liquid

**Odour:** Slight acidic

**pH Concentrate:** 1.5 **pH Diluted:** 2.5

**Boiling Point / Range °C:** 170

**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

**% Solids:** 5

## **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Extremes of temperature.

**Incompatibility (Materials to Avoid):** Strong oxidising or alkaline agents.

**Hazardous Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, 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 if not promptly rinsed.

**Skin Contact:** Possible irritation and/or dermatitis from prolonged or repeated contact with concentrate or working solution.

**Inhalation:** No health effects expected other than possible respiratory irritation by inhalation of spray mists.

**Ingestion:** Product is acidic and may cause gastro-intestinal irritation and nausea.

**Acute and Chronic Effects:**

**Acute Toxicity:** LD50 1938 mg/Kg (Oral-rat) (Glycolic acid)

**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 5% sulphamic acid which is classified as harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

LC50 70.3mg/l 96h (Fish) (Sulphamic acid)

LD50 164mg/l 96h (Fathead Minnow) (Glycolic acid)

**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 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 **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:** R22 Harmful if swallowed. R34 Causes burns R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R52/53 Harmful to aquatic organisms, 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 B175 Issue / Revision Date 01/09/99 Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.