



Product Specification &

SAFETY DATA SHEET

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

**B151
OXIBRITE**



SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: OXIBRITE **Product Code:** B151
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:
 An oxidising agent additive which can be used with carpet and fabric cleaning solutions to brighten light colours and help remove tea, coffee, jute and cellulose browning stains and water marks. **CAUTION - Always pretest for colour fastness and stability with ready-to-use solution before proceeding. Allow 20 to 30 minutes for possible colour change.**

Cleaning additive: Mix 15ml (1 measure scoop) of B151 per 5 litres of ready-to-use extraction or shampoo solution. Pre-dissolve the B151 in a small amount of hot water.

Tea, coffee and jute browning stains: Mix 30ml (2 measure scoops) of B151, 60ml (4 measure scoops) of B162 Fibrebuff and 250ml B105 Fibre Shampoo in 5 litres of warm water. Apply the foam only by sponge or brush to affected area, feathering out over a slightly larger area and allow to dry. **Do not rinse.** When dry, repeat process if staining has not been completely removed. On larger areas of browned or water marked carpets, application can be made by sprayer and brush or rotary machine.

For best results mixed solutions should be used within 30 minutes.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Sodium Carbonate Peroxyhydrate	O R8, Xn R22 Xi R36/38	239-707-6	15630-89-4	More than 30%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Oxidising. Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes and skin.

Eye Contact: Contact may cause severe eye irritation.

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

Inhalation: Exposure to dust may cause breathing irritation. Diluted solutions are not expected to cause irritation.

Ingestion: Nausea, irritation and internal injury. Harmful if swallowed.

Environment: No cumulative effects. Raw material is biodegradable.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 10 minutes, then seek medical attention.

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: Wash out mouth with water. DO NOT INDUCE VOMITING. If patient is conscious give water to drink. Do not give anything by mouth if patient is unconscious. If patient feels unwell 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: Wetting and decomposition will produce oxygen and heat and will support or accelerate combustion.

Decomposition Products: Exposure to fire may liberate oxygen, carbon dioxide, carbon monoxide, water and other

unidentified thermal decomposition products from this product or its packaging.

Special Protective Equipment: Self contained breathing apparatus if large amounts involved in fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Containment and Disposal: Large spills should be contained 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 neoprene or nitrile butyl rubber gloves and safety glasses when handling concentrate and mixing.

Storage Precautions: Avoid extremes of temperature. Store in a cool dry place away from combustible and incompatible materials. Keep out of reach of children. Keep in original container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: 10mg/m³, total; 4mg/m³, respirable: 8h TWA.

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 or during mixing.

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

Respiratory Protection: For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of dust an approved RPE for dust should be used.
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: Granular white powder
Odour: No odour
pH Concentrate: Not applicable **pH Diluted:** 10
Boiling Point / Range °C: Not determined
Flash Point °C: Not determined **Method:** Not applicable
Flammability Limit %: Not flammable
Explosive Properties: Not determined
Oxidising Properties: Oxidising agent
Vapour Pressure: Not applicable
Relative Density (Water = 1): 0.9
Solubility: 150g/l @ 20°C
Partition Coefficient (N-octanol / Water): Not determined
Viscosity: Not applicable
Vapour Density: Not applicable
Evaporation Rate: Not applicable
% Active: 100
% Solids: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable. May react violently with incompatible materials.
Conditions to Avoid: Avoid contamination with water until ready to use. Avoid heat and sources of heat.
Incompatibility (Materials to Avoid): Acids, alkalis, reducing agents, metals, organic solvents.
Hazardous Decomposition Products: Oxygen release and heat.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact may produce acute irritation and possible tissue damage if not promptly rinsed.
Skin Contact: Skin irritation and possible dermatitis from prolonged or repeated contact.
Inhalation: Dust irritating to respiratory tract. Possibility of pulmonary oedema with excessive exposure to dust.
Ingestion: Irritating and mildly corrosive to mucous membranes. Gas formation in stomach.
Acute and Chronic Effects:
Acute Toxicity: LD50 1034 mg/kg (oral - rat) 2000mg/Kg (skin-rabbit)
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: Toxic to aquatic organisms. Danger to the environment is limited as a result of absence of bioaccumulation and its degradability.
Mobility: Soluble in water.
Persistence and Degradability: Significant hydrolysis in water; forms Sodium Carbonate, Carbonic acid and Hydrogen Peroxide.
Bioaccumulative Potential: Does not bioaccumulate.
Other Effects: None known or no relevant data available for substances in this preparation.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be transferred to suitable containers and disposed of in accordance with special waste regulations (Special Waste Regulations 1996, Environment Act 1995 and Environmental Protection Act 1990). Do not allow effluent to enter drains. 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: 1479
Classification: Oxidizing solid
Proper Shipping Name: OXIDIZING SOLID N.O.S. (Sodium Carbonate Peroxyhydrate)
Packing Group: II
Road (ADR): Class 5.1
Sea (IMDG): Class 5.1
Air (ICAO / IATA): Class 5.1 (IMPORTANT: Cargo aircraft only. Do not load in passenger aircraft.)
Rail (RID): Class 5.1

SECTION 15: REGULATORY INFORMATION

Classification: O OXIDIZING Xn HARMFUL
Risk Phrases
R8 Contact with combustible material may cause fire.
R22 Harmful if swallowed.
R36/38 Irritating to eyes and skin.
Safety Phrases
S2 Keep out of reach of children.
S3/7 Keep container tightly closed in a cool place.
S17 Keep away from combustible material.
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: R8 Contact with combustible material may cause fire. R22 Harmful if swallowed. R36/38 Irritating to eyes and skin.
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 B151 Issue / Revision Date 01/06/02
Revised Sections: 1, 6, 7, 8, 14, 15