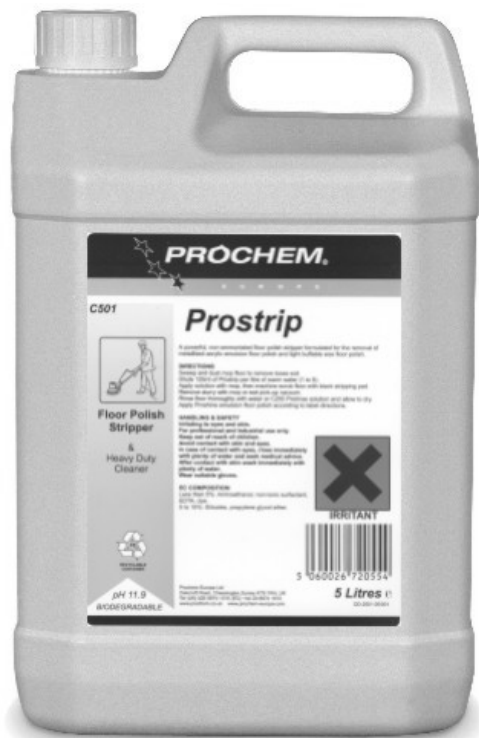




Product Specification &

SAFETY DATA SHEET

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



C501 PROSTRIP

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

Product Name: PROSTRIP **Product Code:** C501

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 powerful, non-ammoniated floor polish stripper formulated for the removal of metallised acrylic emulsion floor polish and light buffable wax floor polish. Sweep and dust mop floor to remove loose soil. Dilute 125ml of Prostrip per litre of warm water (1 to 8). Apply solution with mop, then machine scrub floor with black stripping pad. Remove slurry with mop or wet pick-up vacuum. Rinse floor thoroughly with water or C255 Prorinse solution and allow to dry. Apply Proshine emulsion floor polish according to label directions.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Irritating to eyes and skin.

Eye Contact: Contact with concentrate may cause severe eye irritation if not promptly rinsed.

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

Inhalation: Over-exposure to concentrate may cause breathing irritation.

Ingestion: Ingestion of concentrate may produce nausea and gastro-intestinal pain or irritation.

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)
Disodium metasilicate	C R34 Xi R37	229-912-9	6834-92-0	5 to 15%
2-(2-butoxyethoxy)ethanol	Xi R36	203-961-6	112-34-5	5 to 15%
2-Aminoethanol	C R34 Xn R20/21/22	205-483-3	141-43-5	Less than 5%

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes, then seek immediate medical attention.

Skin Contact: Wash skin immediately with soap and water. Seek medical attention if any skin irritation persists.

Inhalation: Get fresh air and seek medical assistance if breathing is difficult.

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, nitrogen oxides, 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 the 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: Disodium metasilicate suggested WEL-STEL 2mg/m³

2-aminoethanol (IOELV) WEL- LTEL 1ppm (2.5mg/m³), WEL-STEL 3ppm (7.6mg/m³)

2-(2-butoxyethoxy)ethanol (IOELV) WEL-LTEL 10ppm (67.5mg/m³), WEL-STEL 15ppm (101.2mg/m³).

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 manufacturer's specifications.

Respiratory Protection: Not normally required, provided good ventilation and air circulation is maintained.

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: Low foam blue liquid

Odour: Ethereal

pH Concentrate: 13 **pH Diluted:** 11.9

Boiling Point / Range °C: Not determined

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 applicable

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 16.6

% Solids: 12

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat.

Incompatibility (Materials to Avoid): Strong acids, strong oxides and oxidising substances, base metals, halogenated organic solvents.

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, nitrogen oxides, water and other unidentified thermal decomposition products from this product or its packaging. Irritant organic gases in extreme heat.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with concentrate may produce severe irritation and tissue damage if not promptly rinsed.

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

Inhalation: Possible respiratory irritation if exposed to large quantities of spray or vapour.

Ingestion: Product is strongly alkaline and may produce gastrointestinal burns and systemic effects.

Acute and Chronic Effects:

Acute Toxicity: LD50 600-1350mg/kg (oral-rat) (disodium metasilicate)

LD50 770mg/kg (oral-mouse) (disodium metasilicate)

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

LD50 1720mg/kg (oral-rat) (2-aminoethanol)

LD50 1018mg/kg (dermal-rabbit) (2-aminoethanol)

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: Low aquatic and mammalian toxicity.

LC50 96h 3185mg/l (fish) (disodium metasilicate)

EC50 48h 4857mg/l (daphnia) (disodium metasilicate)

LC50 24h 2700mg/l (goldfish) (2-(2-butoxyethoxy)ethanol)

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

LC50 48hr 33mg/l (daphnia) (2-aminoethanol)

EC50 96hr 125mg/l (fathead minnow) (2-aminoethanol)

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

Waste cleaning 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

Xi - IRRITANT

Risk Phrases

R36/38 Irritating to eyes and skin.

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.

S28 After contact with skin wash immediately with plenty of water.

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: R20 Harmful by inhalation. R21 Harmful in contact with skin. R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R37 Irritating to respiratory system. 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 C501 Issue / Revision Date 01/02/07 Revised Sections: 1, 2, 3, 4, 5, 8, 10, 11, 12, 15.