



Product Specification &

SAFETY DATA SHEET

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

**C255
PRORINSE**



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

Product Name: PRORINSE **Product Code:** C255
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:
 An acidic rinse agent for neutralising alkaline residues of floor polish stripper, before applying new emulsion polish. The use of Prorinse helps prevent 'powdering' and problems with the adhesion and durability of the new polish which can be caused by alkaline cleaner or stripper residues. Remove stripper and soil slurry with wet pick-up vacuum. Dilute 50ml Prorinse per litre of water (1 to 20). Apply solution evenly to floor with mop, then allow floor to dry before application of Proshine emulsion polish.

SECTION 2: 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.
Inhalation: None expected. Possible mild breathing irritation if concentrate is deliberately inhaled.
Ingestion: Ingestion of concentrate may produce nausea and irritation due to acidity.
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)
Glycolic acid	C R34 Xn R22	201-180-5	79-14-1	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: 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 irritation persists.
Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, rinse out mouth and give water to drink. 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 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: Occupational exposure limits not assigned by HSE EH40 or ACGIH.
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 if used as directed.
Ventilation: Normal air circulation.
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: Non foaming orange liquid
Odour: Slight acidic
pH Concentrate: 2.5 **pH Diluted:** 3.5
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: 5
% Solids: 3

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extreme heat.
Incompatibility (Materials to Avoid): Strong alkalis, oxidising agents, base metals.
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.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with concentrate may produce moderate transient irritation and possible injury if not promptly rinsed.
Skin Contact: Prolonged or repeated contact may cause irritation and possible dermatitis.
Inhalation: No health effects expected. Possible respiratory irritation by deliberate or excessive inhalation of concentrate.
Ingestion: Product is mildly acidic and may be mildly corrosive to mucous membranes. Low oral toxicity.
Acute and Chronic Effects:
Acute Toxicity: LD50 1938mg/kg (oral-rat) (glycolic acid)
LC50 <5.2mg/l 4h (inhalation-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: Low aquatic and mammalian toxicity.
LC50 96h 164mg/l (fathead minnow) (glycolic acid)
EC50 48h 141mg/l (daphnia) (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

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: R22 Harmful if swallowed. R34 Causes burns.

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 C255 Issue / Revision Date 01/01/04
Revised Sections: 1, 2, 3, 5, 8, 10, 12, 13, 15.