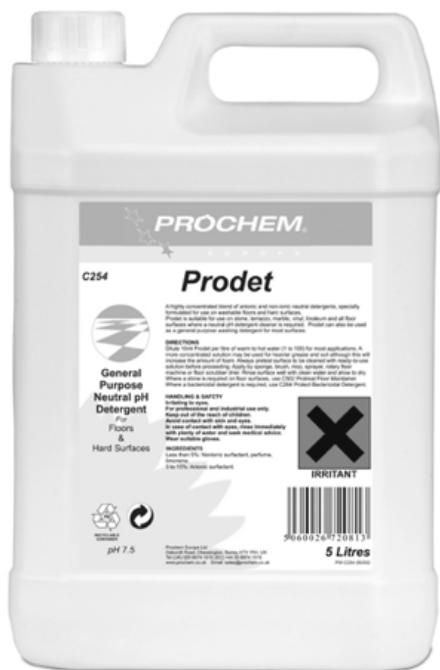




Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT (EC) 1907/2006



C254

PRODET

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

Product Name: PRODET **Product Code:** C254

Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours 8am to 5pm, Monday to Friday 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 highly concentrated blend of anionic and nonionic neutral detergents, specially formulated for use on washable floors and hard surfaces.

Prodect is suitable for use on stone, terrazzo, marble, vinyl, linoleum and all floor surfaces where a neutral pH detergent cleaner is required. Prodect can also be used as a general purpose washing detergent for most surfaces.

Dilute 10ml Prodect per litre of warm to hot water (1 to 100) for most applications. A more concentrated solution may be used for heavier grease and soil although this will increase the amount of foam. Always pretest surface to be cleaned with ready-to-use solution before proceeding. Apply by sponge, brush, mop, sprayer, rotary floor machine or floor scrubber drier. Rinse surface well with clean water and allow to dry. Where a shine is required on floor surfaces, use C502 Protreat Floor Maintainer. Where a bactericidal detergent is required, use C264 Protect Bactericidal Detergent.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Risk of serious damage to eyes.

Eye Contact: Contact with concentrate may cause severe eye irritation with the risk of damage to the eye.

Skin Contact: Prolonged or repeated contact with concentrate may cause irritation and possible defatting of skin.

Inhalation: None expected.

Ingestion: Ingestion of concentrate may produce irritation and possible mild systemic effects.

Environment: 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)
Dodecylbenzenesulphonic acid, compound with 2,2',2''-nitrilotriethanol (1:1)	Xi R38 R41	248-406-9	27323-41-7	5 to 15%
Amides, coco, N,N-bis(hydroxyethyl)	Xi R38 R41	271-657-0	68603-42-9	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 plenty of water. Seek medical attention if any skin irritation persists.

Inhalation: Get fresh air and seek medical assistance if affected.

Ingestion: If ingested, rinse mouth thoroughly, drink water or milk and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. **DO NOT INDUCE VOMITING.**

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 and sulphur dioxide, carbon monoxide, 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 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 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 or during spray application.

Protective Clothing: Standard work clothing and nitrile rubber gloves. Protective gloves should be inspected for wear before

use and replaced regularly in accordance with the manufacturer's specifications.
Respiratory Protection: Not required in normal use.
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: High foam viscous green liquid
Odour: Citrus
pH Concentrate: 7.5 **pH Diluted:** 7.5
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: 10.35
% Solids: 9

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extreme heat.
Incompatibility (Materials to Avoid): Strong acids.
Hazardous Decomposition Products: Exposure to fire may liberate carbon and sulphur 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 strong irritation with the danger of severe eye injury if not promptly rinsed.
Skin Contact: Prolonged or repeated contact may cause irritation, drying of the skin and possible mild dermatitis.
Inhalation: No health effects expected.
Ingestion: Product is mildly irritating to mucous membranes. Possible mild systemic effects. Low oral toxicity.
Acute and Chronic Effects:
Acute Toxicity: None established.
Corrosivity / Irritation: Skin, eye and respiratory
Sensitisation: This product contains limonene.
Repeated Dose Toxicity: None established
Mutagenicity: None
Carcinogenicity: None
Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None established.
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: 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: Xi IRRITANT

Risk Phrases

R41 Risk of serious damage to eyes.

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.

S37/39 Wear suitable gloves and eye/face protection.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 4) 2009** (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 for ingredients in section 3: R38 Irritating to skin. R41 Risk of serious damage 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 C254 Issue / Revision Date 26/02/08
Revised Sections: 1, 2, 3, 6, 7, 8, 9, 11, 15, 16.