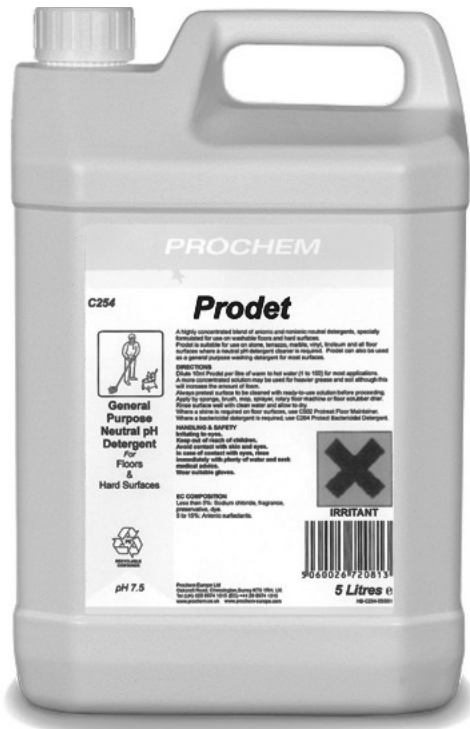




Product Specification &

SAFETY DATA SHEET

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



**C254
PRODET**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION 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 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. Prodet is suitable for use on stone, terrazzo, marble, vinyl, linoleum and all floor surfaces where a neutral pH detergent cleaner is required. Prodet can also be used as a general purpose washing detergent for most surfaces. Dilute 10ml Prodet 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: Irritating to eyes.
Eye Contact: Contact with concentrate may cause moderate eye irritation.
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	1 to 10%
Amides, coco, N,N-bis(hydroxyethyl)	Xi R38 R41	271-657-0	68603-42-9	1 to 10%

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 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 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 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: 10.5

% 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 moderate transient irritation 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

R36 Irritating 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 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: 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 01/07/03 Revised Sections: 1, 2, 3, 4, 8, 11, 12, 13, 15.