



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT (EC) 1907/2006



S888

ULTRAPREP TLC

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

Product Name: ULTRAPREP TLC **Product Code:** S888
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:

Ultraprep TLC is a premium concentrated mild pH pre-conditioning formula suitable for use on most carpets, subject to pre-testing. Ultraprep TLC penetrates and removes grease and soil and rinses easily. High concentrate 1:33 dilution delivers cost-effective high quality cleaning and low vapour formulation reduces solvent vapours and odours during cleaning.

Do not allow product to freeze.

Shake well before use.

General soil: Dilute 30ml. Ultraprep TLC per litre of water (1 to 33).

Heavy soil: Dilute 50ml. Ultraprep TLC per litre of water (1 to 20).

Always pre-test carpet for colour fastness with diluted solution before proceeding.

Apply by sprayer to soiled areas, agitate with brush where required then allow 5 to 15 minutes dwell time. Do not allow to dry.

Extract with Prochem extraction detergent or B109 Fibre & Fabric Rinse solution.

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 dermatitis.

Inhalation: Excessive exposure to concentrate or atomised spray may produce temporary irritation of the nose and throat.

Ingestion: Ingestion of concentrate may produce nausea and irritation.

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)
Tetrapotassium pyrophosphate	Xi R36	230-785-7	7320-34-5	5 to 15%
(2-methoxymethylethoxy)propanol	None	252-104-2	34590-94-8	5 to 15%
Primary alcohol ethoxylate	Xi R41	None	68439-45-2	5 to 15%
Sodium xylene sulphonate	Xi R36/37/38	215-090-9	1300-72-7	Less than 5%
Tetrasodium ethylenediaminetetraacetate	Xn R22 Xi R41	200-573-9	64-02-8	Less than 5%

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 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 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: None.

Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, 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, 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. Use in a well ventilated area and do not breathe vapour.

Storage Precautions: Avoid extremes of temperature. Do not allow product to freeze. Keep out of reach of children. Keep in original container. Store in a cool well ventilated place away from strong oxidising or alkaline products.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: (2-methoxymethylethoxy)propanol (IOELV) WEL-LTEL 50ppm (308mg/m³) (Sk).

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

Eye Protection: Side shield safety glasses or goggles are recommended when handling concentrate.

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 manufacturers specifications.

Respiratory Protection: Not required. For prolonged spraying a dust mask may be worn if sensitive to spray droplets.

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: White opaque liquid

Odour: Winterfresh

pH Concentrate: 9.8

pH Diluted: 9.8

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): 1.14

Solubility: Not determined

Partition Coefficient (N-octanol / Water): Not determined

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 47.7

% Solids: Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extremes of temperature. Do not allow product to freeze.

Incompatibility (Materials to Avoid): Strong oxidising materials.

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, 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 properly rinsed.

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

Inhalation: Respiratory irritation from aerosolised wetting agents. Possible CNS effects from excessive overexposure to solvent.

Ingestion: Concentrated product is alkaline and may produce gastro-intestinal injury and possible systemic effects.

Acute and Chronic Effects:

Acute Toxicity: Low oral toxicity.

LD50 >2000mg/kg (oral-rat) (tetrapotassium pyrophosphate)

LD50 >3500mg/kg (oral-rat) [(2-methoxymethylethoxy)propanol]

LD50 >20ml/kg (dermal-rabbit)

[(2-methoxymethylethoxy)propanol]

LC50 7h >500ppm (inhalation-rat)

[(2-methoxymethylethoxy)propanol]

LD50 >2000mg/kg (oral-rat) (primary alcohol ethoxylate)

LD50 >2000mg/kg (dermal-rabbit) (primary alcohol ethoxylate)

LD50 >1740mg/kg (oral-rat) (tetrasodium

ethylenediaminetetraacetate)

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: Solvent has low aquatic toxicity.

EC50 48h 1919mg/l (daphnia)

[(2-methoxymethylethoxy)propanol]

LC50 96h >10000mg/l (goldfish)

[(2-methoxymethylethoxy)propanol]

EC50 96h >969 mg/l (green algae)

[(2-methoxymethylethoxy)propanol]

EC50 48h 5.1mg/l (daphnia) (primary alcohol ethoxylate)

LC50 96h 11.5mg/l (rainbow trout) (primary alcohol ethoxylate)

LC50 72h 1-10mg/l (algae) (primary alcohol ethoxylate)

LC50 24h >500mg/l (daphnia) (tetrasodium

ethylenediaminetetraacetate)

LC50 96h >100mg/l (fish) (tetrasodium

ethylenediaminetetraacetate)

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 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: R22 Harmful if swallowed. R36 Irritating to eyes. R37 Irritating to respiratory system. 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 S888 Issue / Revision Date 28/10/09
Revised Sections: 1, 6, 7, 8, 10, 16.