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SAFETY DATA SHEET ULTRAPREP TLC

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name ULTRAPREP TLC

Product number S888

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses 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.

1.3. Details of the supplier of the safety data sheet

Supplier www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 020 8974 1515 (office hours 8am to 5pm Monday to Friday) 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.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

Human health Causes serious eye damage. Eye contact may cause: Irritation and redness, followed by blurred vision. Profuse watering of the eyes. Causes skin irritation. Prolonged or repeated exposure may cause the following adverse effects: Defatting, drying and cracking of skin. Inhalation may cause: Possible respiratory irritation by wetting agents in atomised spray form. Irritation of nose, throat and airway. Ingestion may cause: nausea irritation

Environmental The product is expected to be biodegradable.

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2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.

Contains

Alcohols, C7-21 ethoxylated, Quaternary alkyl methyl amine ethoxylate methyl chloride

Detergent labelling

5 - < 15% anionic surfactants, 5 - < 15% non-ionic surfactants, 5 - < 15% phosphates, < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5% perfumes, Contains DMDM Hydantoin, Iodopropynyl butylcarbamate

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Alcohols, C7-21 ethoxylated CAS number: 68991-48-0	5-10%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
Quaternary alkyl methyl amine ethoxylate methyl chloride CAS number: 70750-47-9 M factor (Acute) = 1	1-5%
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	
Sodium xylenesulphonate CAS number: 1300-72-7 EC number: 215-090-9	1-5%
Classification Eye Irrit. 2 - H319	

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(2-Methoxymethylethoxy)propanol		1-5%
CAS number: 34590-94-8	EC number: 252-104-2	REACH registration number: 01-2119450011-60-XXXX
Substance with a Community workplace exposure limit.		
Classification Not Classified		

Trisodium orthophosphate		1-5%
CAS number: 10101-89-0		
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact	Prolonged or repeated exposure may cause the following adverse effects: Defatting, drying and cracking of skin.
Eye contact	Causes serious eye damage. Irritation and redness, followed by blurred vision. Profuse watering of the eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Specific treatments	In the event of contact with eyes or ingestion seek immediate medical help. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Acids - organic.

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5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

(2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m³
Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

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Hand protection	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.
Hygiene measures	Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
Respiratory protection	Not required in normal use. For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Green.
Odour	Mintfresh
Odour threshold	Not determined.
pH	pH (concentrated solution): 11.22 pH (diluted solution): 9.4
Melting point	Not determined.
Initial boiling point and range	100°C
Flash point	Not applicable.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.06
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Acids - organic.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Inhalation may cause: Possible respiratory irritation by wetting agents in atomised spray form. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication. Ingestion. Product is alkaline and may be mildly corrosive to mucous membranes. May cause internal injury. systemic effects

Acute toxicity - oral

ATE oral (mg/kg) 17,730.5

Skin corrosion/irritation

Skin corrosion/irritation Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage. Irritation and redness, followed by blurred vision. Profuse watering of the eyes.

Skin sensitisation

Skin sensitisation None known.

Germ cell mutagenicity

Genotoxicity - in vivo No effects expected based upon current data.

Carcinogenicity

Carcinogenicity No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility No effects expected based upon current data.

Toxicological information on ingredients.

Sodium xylenesulphonate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 7,200.0

Species Rat

Acute toxicity - dermal

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Acute toxicity dermal (LD₅₀ 2,000.0 mg/kg)

Species Rabbit

Tetrasodium ethylene diamine tetraacetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,000.0 mg/kg)

Species Rat

ATE oral (mg/kg) 1,000.0

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 1.5

SECTION 12: Ecological Information

12.1. Toxicity

Ecological information on ingredients.

Tetrasodium ethylene diamine tetraacetate

Acute toxicity - fish LC₅₀, 96 hours: > 100 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 100 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: > 100 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(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.

12.3. Bioaccumulative potential

Bioaccumulative potential Not known.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: Transport information

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None.

14.3. Transport hazard class(es)

None.

ADR/RID class -

IMDG class -

14.4. Packing group

None.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Telephone 020 8974 1515

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 25/09/2015

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Revision	4
Supersedes date	29/05/2015
Signature	Aaron Saunders
Risk phrases in full	R22 Harmful if swallowed. R36 Irritating to eyes. R41 Risk of serious damage to eyes.
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

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.