

**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

**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                                     Pakex UK Plc  
1 Prime Point  
Welwyn Garden City  
Hertfordshire  
AL7 1FE  
Tel: 01707 384858  
Fax: 01707 332838

**1.4. Emergency telephone number**

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 (1999/45/EEC) Xi;R36. Human health

Irritating to eyes. Prolonged or repeated exposure may cause: skin irritation and dermatitis. Inhalation may cause: Possible respiratory irritation by wetting agents in atomised spray form. Irritation of nose, throat and airway. Ingestion may cause: nausea irritation  
Environment

The product is expected to be biodegradable.

**2.2. Label elements**

Labelling



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.

**2.3. Other hazards**

See section 8 for details of exposure limits.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

TETRAPOTASSIUM PYROPHOSPHATE	5-15%
CAS-No.: 7320-34-5                      EC No.: 230-785-7	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.
(2-METHOXYMETHYLETHOXY)PROPANOL	5-15%
CAS-No.: 34590-94-8                      EC No.: 252-104-2	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
ALCOHOLS, C9-11, ETHOXYLATED	5-15%
CAS-No.: 68439-45-2                      EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
SODIUM XYLENESULPHONATE	1-5%
CAS-No.: 1300-72-7                      EC No.: 215-090-9	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	1-5%
CAS-No.: 64-02-8                      EC No.: 200-573-9	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22 Xi;R41

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 the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately! Do not give victim anything to drink if he is unconscious. DO NOT INDUCE VOMITING!

#### Skin contact

Flush skin thoroughly with water. Get medical attention if irritation persists after washing.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists after washing.

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

Skin contact

Prolonged or repeated exposure may cause: Defatting, drying and cracking of skin.

Eye contact

May cause severe irritation to eyes. May cause possible injury if not promptly rinsed.

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

Treat Symptomatically. If swallowed: Get medical attention immediately!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Water spray, dry powder or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Acids - organic. Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

### 6.3. Methods and material for containment and cleaning up

Collect with absorbent, non-combustible material into suitable containers. Dispose of waste and residues in accordance with local authority requirements.

### 6.4. 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

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

### 7.2. Conditions for safe storage, including any incompatibilities

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)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
(2-METHOXYMETHYLETHOXY)PROPANOL	WEL	50 ppm	308 mg/m3			Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls

Protective equipment



Engineering measures Provide adequate ventilation.

Respiratory equipment

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.

Hand protection

Nitrile gloves are recommended. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Eye protection

Side shield safety glasses are recommended when handling this product.

Hygiene measures

Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Opaque Liquid
Colour	White.
Odour	Winterfresh
Solubility	Soluble in water.
Initial boiling point and boiling range	100°C
Melting point (°C)	Not determined.
Relative density	1.14
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
pH-Value, Conc. Solution	9.8
pH-Value, Diluted Solution	9.8
Viscosity	Not determined.
Odour Threshold, Lower	Not determined.
Odour Threshold, Upper	Not determined.
Flash point	Not applicable.
Auto Ignition Temperature (°C)	Not determined.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Partition Coefficient (N-Octanol/Water)	Not determined.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

### 9.2. Other information

None.

**SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not determined.

10.4. 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 substances. Strong acids.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Acids - organic.

**SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effectsAcute toxicity:

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

Skin Corrosion/Irritation:

Prolonged or repeated exposure may cause: skin irritation and dermatitis.

Serious eye damage/irritation:

Moderately Irritating.

Respiratory or skin sensitisation:

None known.

Germ cell mutagenicity:

No effects expected based upon current data.

Carcinogenicity:

No effects expected based upon current data.

Reproductive Toxicity:

No effects expected based upon current data.

Toxicological information on ingredients.TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)Acute toxicity:

Acute Toxicity (Oral LD50)

> 1740 mg/kg Rat

TETRAPOTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Mouse

Acute Toxicity (Dermal LD50)

> 4000 mg/kg Rabbit

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SODIUM XYLENESULPHONATE (CAS: 1300-72-7)

Acute toxicity:

Acute Toxicity (Oral LD50)  
> 2000 mg/kg Rat

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Acute toxicity:

Acute Toxicity (Oral LD50)  
5135 mg/kg Rat

Acute Toxicity (Dermal LD50)  
> 20 mg/kg Rabbit

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-45-2)

Acute toxicity:

Acute Toxicity (Oral LD50)  
> 300 mg/kg  
Acute Toxicity (Dermal LD50)  
> 2000 mg/kg

**SECTION 12: ECOLOGICAL INFORMATION**

12.1. Toxicity

Ecological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

LC 50, 96 Hrs, Fish  
mg/l > 100  
EC 50, 48 Hrs, Daphnia,  
mg/l > 100  
IC 50, 72 Hrs, Algae, mg/l  
> 100

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

LC 50, 96 Hrs, Fish  
mg/l >10000  
EC 50, 48 Hrs, Daphnia,  
mg/l 1919  
IC 50, 72 Hrs, Algae, mg/l  
>969

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-45-2)

Acute Toxicity -  
Fish LC50 > 10 mg/l  
Acute Toxicity - Aquatic Invertebrates  
EC50 > 1 mg/l  
Acute Toxicity - Aquatic  
Plants IC50 > 10 mg/l

12.2. Persistence and degradability

Degradability

The surfactant(s) contained in this preparation 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.

Ecological information on ingredients.

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Chemical Oxygen Demand  
2.02

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

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. 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/ADN 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

Not applicable.

**SECTION 15: REGULATORY INFORMATION**

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

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## 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

#### General information

Telephone 020 8974 1515

Revision Date 05/11/2012

Revision 1

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

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H302 Harmful if swallowed.

#### Disclaimer

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.