



## SAFETY DATA SHEET EXTRACTION PLUS

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

#### 1.1. Product identifier

**Product name** EXTRACTION PLUS

**Product No.** S775

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

**Identified uses** Extraction Plus is a new and improved formula with pH boosters and optical brighteners specially formulated for use in hot water carpet soil extraction machines. Extraction Plus is suitable for use on most types of carpets, subject to proper pre-testing as directed.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH  
Telephone: 020 8974 1515  
Fax: 020 8974 1511  
www.prochem.co.uk  
sales@prochem.co.uk

#### 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)** Not classified.

##### Human health

Contact with concentrate or solution may cause mild transient irritation to eyes and skin. Limited inhalation hazard at normal work temperatures. Ingestion may cause: Gastrointestinal symptoms, including upset stomach.

##### Environment

The substance is readily biodegradable.

#### 2.2. Label elements

**Contains** d-LIMONENE

##### Risk Phrases

NC Not classified.

##### Safety Phrases

P13 Safety data sheet available for professional user on request.  
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.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

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<b>TRISODIUM ORTHOPHOSPHATE</b>		<b>1-5%</b>
<b>CAS-No.: 10101-89-0</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.	
<b>(2-METHOXYMETHYLETHOXY)PROPANOL</b>		<b>1-5%</b>
<b>CAS-No.: 34590-94-8</b>	<b>EC No.: 252-104-2</b>	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	
<b>TURPENTINE, OIL</b>		<b>0.001-0.01%</b>
<b>CAS-No.: 8006-64-2</b>	<b>EC No.: 232-350-7</b>	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R20/21/22,R65 R43 Xi;R36/38 N;R51/53	
<b>SODIUM HYDROXIDE</b>		<b>0.001-0.01%</b>
<b>CAS-No.: 1310-73-2</b>	<b>EC No.: 215-185-5</b>	
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	

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**

Unlikely route of exposure.

##### **Ingestion**

Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Do not give victim anything to drink if they are unconscious. Get medical attention.

##### **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 any discomfort continues.

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

##### **Skin contact**

Prolonged skin contact may cause redness and irritation.

##### **Eye contact**

May cause temporary eye irritation.

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

Treat Symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Extinguish with foam, carbon dioxide, dry powder or water fog.

#### 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.

##### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

#### 5.3. Advice for firefighters

##### Protective equipment for fire-fighters

No specific recommendations.

### 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 into drains, water courses or onto the ground.

#### 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. Provide adequate ventilation. 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

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

#### 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
SODIUM HYDROXIDE	WEL				2 mg/m3	
TURPENTINE, OIL	WEL	100 ppm	566 mg/m3	150 ppm	850 mg/m3	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

#### 8.2. Exposure controls

##### Protective equipment

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## Engineering measures

Provide adequate ventilation.

## Respiratory equipment

Respiratory protection not required.

## 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

<b>Appearance</b>	Liquid
<b>Colour</b>	Green.
<b>Odour</b>	Citrus Refresh
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range</b>	100°C
<b>Relative density</b>	1.08
<b>Vapour density (air=1)</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>pH-Value, Conc. Solution</b>	11.8
<b>pH-Value, Diluted Solution</b>	9
<b>Viscosity</b>	Not determined.
<b>Flash point</b>	Not applicable.
<b>Flammability Limit - Lower(%)</b>	Not applicable.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	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

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

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## 10.5. Incompatible materials

### Materials To Avoid

Strong acids.

## 10.6. Hazardous decomposition products

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

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Toxicological information

Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting.

#### Skin Corrosion/Irritation:

Prolonged or repeated exposure may cause: Skin irritation.

#### Serious eye damage/irritation:

May cause temporary eye irritation.

#### Respiratory or skin sensitisation:

Contains Limonene

#### 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.

#### TRISODIUM ORTHOPHOSPHATE (CAS: 10101-89-0)

#### Acute toxicity:

##### Acute Toxicity (Oral LD50)

7400 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

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecological information on ingredients.

#### TRISODIUM ORTHOPHOSPHATE (CAS: 10101-89-0)

##### Acute Toxicity - Fish

LC50 96 hours 150 mg/l *Poecilia reticulata* (Guppy)

#### (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

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## 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)

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.

**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

<b>Revision Date</b>	08/05/2012
<b>Revision</b>	1
<b>Signature</b>	Aaron Saunders

**Risk Phrases In Full**

R35	Causes severe burns.
R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard Statements In Full**

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

**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.