



## 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 number** S775

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

**Identified uses** Extraction Plus is specially formulated for use in hot water carpet soil extraction machines, for use on most types of carpets, subject to pre-testing as directed.

#### 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 (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Human health** Contact with concentrate or solution may cause mild transient irritation to eyes and skin. Considered to be a low inhalation hazard at normal workplace temperatures. Ingestion may cause: Gastrointestinal symptoms, including upset stomach.

**Environmental** The substance is readily biodegradable.

#### 2.2. Label elements

**Hazard statements** NC Not Classified

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**Precautionary statements**

P102 Keep out of reach of children.  
 P262 Do not get in eyes, on skin, or on clothing.  
 P280 Wear protective gloves.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P313 Get medical advice/ attention.

**Detergent labelling**

5 - < 15% phosphates, < 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes, Contains d-Limonene, 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

<b>Tetrapotassium pyrophosphate</b>	<b>1-3%</b>
CAS number: 7320-34-5	EC number: 230-785-7
	REACH registration number: 01-2119489369-18-XXXX
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>Sodium carbonate</b>	<b>1-3%</b>
CAS number: 497-19-8	EC number: 207-838-8
	REACH registration number: 01-2119485498-19-XXXX
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>Sodium xylenesulphonate</b>	<b>1-3%</b>
CAS number: 1300-72-7	EC number: 215-090-9
	REACH registration number: 01-2119513350-56-XXXX
<b>Classification</b>	
Eye Irrit. 2 - H319	

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. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

**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 if any discomfort continues.

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

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**Skin contact** Prolonged skin contact may cause redness and irritation.

**Eye contact** May cause temporary eye irritation.

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

**Specific treatments** Treat symptomatically.

## **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. Extinguish with foam, carbon dioxide, dry powder or water fog.

### **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.

### **5.3. Advice for firefighters**

**Special protective equipment for firefighters** No specific recommendations.

## **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. Provide adequate ventilation. 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** 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)**

**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**

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### (2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

**Ingredient comments** No exposure limits known for ingredient(s).

### 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.

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

**Respiratory protection** Respiratory protection not required.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Fluorescent. Green.
<b>Odour</b>	Citrus.
<b>pH</b>	pH (concentrated solution): 11 pH (diluted solution): 9.5
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.08
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

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### 9.2. Other information

Other information                      None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

#### 10.2. Chemical stability

Stability                                Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions                      Not determined.

#### 10.4. Conditions to avoid

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

#### 10.5. Incompatible materials

Materials to avoid                      Strong acids.

#### 10.6. Hazardous decomposition products

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

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

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

#### Skin corrosion/irritation

Skin corrosion/irritation                      Prolonged skin contact may cause redness and irritation.

#### Serious eye damage/irritation

Serious eye damage/irritation                      May cause temporary eye irritation.

#### Skin sensitisation

Skin sensitisation                      Contains Limonene

#### 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.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

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**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

**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)

**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 MARPOL 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

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

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
<b>EU legislation</b>	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

<b>General information</b>	Telephone 020 8974 1515
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	03/11/2016
<b>Revision</b>	4
<b>Supersedes date</b>	02/12/2015
<b>Signature</b>	Aaron Saunders
<b>Please note:</b>	Where abbreviations have been used elsewhere the full text has been written below, for the classification of the product please refer to section 2.
<b>Hazard statements in full</b>	H319 Causes serious eye irritation.

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.