



## SAFETY DATA SHEET ULTRAPAC RENOVATE

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

#### 1.1. Product identifier

**Product name** ULTRAPAC RENOVATE

**Product number** A217

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

**Identified uses** A highly concentrated multi-surface, heavy duty industrial cleaner for use on floors, walls, carpets, hard surfaces, porous surfaces and many other professional and disaster restoration applications. Ultrapac Renovate contains a unique, solvent-free formula designed to penetrate and lift carbon, soot, smoke, grease, rubber and deeply ingrained soils.

#### 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** Met. Corr. 1 - H290

**Health hazards** Skin Corr. 1B - H314 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

**Human health** Causes severe skin burns and eye damage. Spray/mists may cause respiratory tract irritation. Ingestion may cause: Nausea, vomiting. May cause chemical burns in mouth and throat.

**Environmental** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. The product is expected to be biodegradable.

**Physicochemical** May be corrosive to metals.

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## 2.2. Label elements

### Pictogram



<b>Signal word</b>	Danger
<b>Hazard statements</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.
<b>Precautionary statements</b>	P102 Keep out of reach of children. P260 Do not breathe spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.
<b>Contains</b>	Alcohols C9-11, ethoxylated, Disodium metasilicate
<b>Detergent labelling</b>	5 - < 15% phosphates, < 5% cationic 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>5-10%</b>
CAS number: 7320-34-5	EC number: 230-785-7
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>Alcohols C9-11, ethoxylated</b>	<b>1-5%</b>
CAS number: 68439-46-3	EC number: 614-482-0
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
<b>Reaction mass of (2S)-Alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-Alanine, N,N-bis(carboxymethyl)-, trisodium salt</b>	<b>1-5%</b>
CAS number: 164462-16-2	EC number: 423-270-5
	REACH registration number: 01-000016977-53-0000
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Met. Corr. 1 - H290	-

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<b>Quaternary ammonium compounds, C12-18-alkyl(hydroxyethyl)dimethyl, chlorides</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 85736-63-6                      EC number: 931-275-3 M factor (Acute) = 1
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1C - H314 Eye Dam. 1 - H318 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
<b>Disodium metasilicate</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 6834-92-0                      EC number: 229-912-9                      REACH registration number: 01-2119449811-37-XXXX
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 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

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Drink a few glasses of water or milk. Rinse mouth thoroughly with water. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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

<b>Ingestion</b>	May cause discomfort if swallowed. Nausea, vomiting.
<b>Skin contact</b>	Causes severe burns.
<b>Eye contact</b>	Risk of serious damage to eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	No specific recommendations.
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## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	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.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	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.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.
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### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **Disodium metasilicate**

Short-term exposure limit (15-minute): SUP 2 mg/m<sup>3</sup>  
 SUP = Supplier's recommendation.

### 8.2. Exposure controls

#### **Protective equipment**



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<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>Eye/face protection</b>	Side shield safety glasses are recommended when handling concentrate or during spray application.
<b>Hand protection</b>	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.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Pink.
<b>Odour</b>	Floral.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 12 pH (diluted solution): 10.5
<b>Melting point</b>	Not determined.
<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>	1.06
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

#### 9.2. Other information

<b>Other information</b>	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	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.

### 10.3. Possibility of hazardous reactions

**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** anionic surfactants Strong oxidising agents.

### 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** The product irritates mucous membranes and may cause abdominal discomfort if swallowed. Ingestion may cause: Nausea, vomiting. May cause chemical burns in mouth and throat. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 15,960.16

#### Skin corrosion/irritation

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Contact with concentrate May cause severe eye irritation. May cause possible injury if not promptly rinsed. May cause blurred vision and serious eye damage.

#### 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.

### Toxicological information on ingredients.

#### Tetrapotassium pyrophosphate

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Mouse

##### Acute toxicity - dermal

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Acute toxicity dermal (LD<sub>50</sub> 4,000.0 mg/kg)

Species Rabbit

### Alcohols C9-11, ethoxylated

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 300.0 mg/kg)

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0 mg/kg)

### Quaternary ammonium compounds, C12-18-alkyl(hydroxyethyl)dimethyl, chlorides

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 2,000.0 mg/kg)

Species Rat

ATE oral (mg/kg) 2,000.0

#### Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 75 mg/kg, Oral, Rat

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### Ecological information on ingredients.

### Alcohols C9-11, ethoxylated

Acute toxicity - fish LC<sub>50</sub>, : > 10 mg/l,

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, : > 1 mg/l,

Acute toxicity - aquatic plants IC<sub>50</sub>, : > 10 mg/l,

### Quaternary ammonium compounds, C12-18-alkyl(hydroxyethyl)dimethyl, chlorides

#### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC<sub>50</sub>, 96 hours, 96 hours: 4.2 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours, 48 hours: 0.53 mg/l, Daphnia magna

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**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours, 72 hours: 0.35 mg/l, Scenedesmus subspicatus

### 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

**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

**UN No. (ADR/RID)** 1760

**UN No. (IMDG)** 1760

### 14.2. UN proper shipping name

Corrosive liquid, N.O.S. (contains disodium trioxosilicate and N,N-bis(carboxymethyl)-alanin, trisodium salt)

### 14.3. Transport hazard class(es)

**ADR/RID class** 8

**IMDG class** 8

### 14.4. Packing group

**ADR/RID packing group** III

**IMDG packing group** III

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user



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Supplied in accordance with "Limited Quantity" provisions.

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

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

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

<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>	30/03/2016
<b>Revision</b>	5
<b>Supersedes date</b>	19/02/2016
<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>	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.

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.