



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 No. 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 non-caustic, 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 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) Xi;R36.

Human health

Irritating to eyes. Prolonged contact may cause redness, irritation and dry skin. Spray mists may cause respiratory tract irritation. Ingestion may cause: Nausea, vomiting.

Environment

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

2.2. Label elements

Detergent Labelling

5 - < 15%	phosphates
< 5%	non-ionic surfactants cationic surfactants EDTA and salts thereof perfumes
Contains	d-LIMONENE,3-iodo-2-propynyl butylcarbamate,DMDM Hydantoin

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.

ULTRAPAC RENOVATE

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

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.
ALCOHOLS C9-11, ETHOXYLATED	1-5%
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.
ETHANOL, 2,2'-IMINOBIS-, N-[3-(BRANCHED DECYLOXY)PROPYL] DERIVS., N-OXIDES	1-5%
CAS-No.: 68478-65-9	EC No.: 270-830-8
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36. R52.
N-(2-HYDROXYETHYL)-N,N-DIMETHYL ALKYL-C12-14-(EVEN NUMBERED)-1-AMINIUM CHLORIDE	0.1-1%
CAS-No.: 85736-63-6	EC No.: 931-275-3
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 STOT RE 2 - H373 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22,R48/22. C;R34. N;R50.

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

Drink a few glasses of water or milk. Rinse mouth thoroughly. Get medical attention immediately! Never give liquid to an unconscious person. DO NOT INDUCE VOMITING!

Skin contact

Immediately rinse with water. Get medical attention if irritation persists after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

ULTRAPAC RENOVATE

Ingestion

May cause discomfort if swallowed. Nausea, vomiting.

Eye contact

Irritating to eyes.

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: 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.

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 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

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation.

ULTRAPAC RENOVATE

Respiratory equipment

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 concentrate or during spray application.

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	Clear liquid.
Colour	Pink.
Odour	Floral
Solubility	Soluble in water.
Initial boiling point and boiling range	100°C
Melting point (°C)	Not determined.
Relative density	1.06
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
pH-Value, Conc. Solution	12
pH-Value, Diluted Solution	10.5
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.

ULTRAPAC RENOVATE

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 agents. anionic surfactants

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

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation.

Skin Corrosion/Irritation:

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

Serious eye damage/irritation:

Moderately Irritating. Vapour or spray in the eyes may cause irritation and smarting.

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.

TETRAPOTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Mouse

Acute Toxicity (Dermal LD50)

> 4000 mg/kg Rabbit

N-(2-HYDROXYETHYL)-N,N-DIMETHYL ALKYL-C12-14-(EVEN NUMBERED)-1-AMINIUM CHLORIDE (CAS: 85736-63-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 200 - 2000 mg/kg Rat

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

ULTRAPAC RENOVATE

12.1. Toxicity

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

Ecological information on ingredients.

N-(2-HYDROXYETHYL)-N,N-DIMETHYL ALKYL-C12-14-(EVEN NUMBERED)-1-AMINIUM CHLORIDE (CAS: 85736-63-6)

Acute Toxicity - Fish

LC50 96 hours 4.2 mg/l Brachydanio rerio (Zebra Fish)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 0.53 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 72 hours 0.35 mg/l Scenedesmus subspicatus

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.

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 -

ULTRAPAC RENOVATE

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

Revision Date 25/10/2012

Revision 1

Signature Aaron Saunders

Risk Phrases In Full

R34	Causes burns.
R22	Harmful if swallowed.
R52	Harmful to aquatic organisms.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H302	Harmful if swallowed.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

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.