



**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. 1A - H314 Eye Dam. 1 - H318

Environmental hazards
Not Classified

Classification (67/548/EEC or 1999/45/EC)
Xi;R36.

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.

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Physicochemical

May be corrosive to metals.

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

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.

Contains

Alcohols C9-11, ethoxylated, Disodium metasilicate

Detergent labelling

5 - < 15% phosphates, < 5% cationic surfactants, < 5% EDTA and salts thereof, < 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

Tetrapotassium pyrophosphate 5-10% CAS number: 7320-34-5 EC number: 230-785-7	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.
Alcohols C9-11, ethoxylated 1-5% CAS number: 68439-45-2 EC number: —	
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.
Ethanol, 2,2'-iminobis-, n-[3-(branched decyloxy)propyl] derivs., n-oxides 1-5% CAS number: 68478-65-9 EC number: 270-830-8	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36. R52.

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Quaternary ammonium compounds, C12-18-alkyl(hydroxyethyl)dimethyl, chlorides	<1%
CAS number: 85736-63-6 EC number: 931-275-3	
M factor (Acute) = 1	

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn;R22,R48/22. C;R34. N;R50.
Skin Corr. 1B - H314	
STOT RE 2 - H373	
Aquatic Acute 1 - H400	

Disodium metasilicate	<1%
CAS number: 6834-92-0 EC number: 229-912-9	

Classification	Classification (67/548/EEC or 1999/45/EC)
Met. Corr. 1 - H290	C;R34 Xi;R37
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

Inhalation

Move affected 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 with water. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.

Skin contact

Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

Eye contact

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

Ingestion

May cause discomfort if swallowed. Nausea, vomiting.

Skin contact

Causes severe burns.

Eye contact

Risk of serious damage to eyes.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards

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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. 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

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)

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

Disodium metasilicate

Short-term exposure limit (15-minute): SUP 2 mg/m³
SUP = Supplier's recommendation.

8.2. Exposure controls

Protective equipment



ULTRAPAC RENOVATE

Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling concentrate or during spray application.

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

Respiratory protection

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

Appearance

Clear liquid.

Colour

Pink.

Odour

Floral

Odour threshold

Not determined.

pH

pH (concentrated solution): 12 pH (diluted solution): 10.5

Melting point

Not determined.

Initial boiling point and range

100°C

Flash point

Not applicable.

Evaporation rate

Not determined.

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

1.06

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

Auto-ignition temperature

Not determined.

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Viscosity

Not determined.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2. Other information

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

Stability

Stable at normal ambient temperatures and when used as recommended.

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 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)

16,666.66666667

Skin corrosion/irritation

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

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

Contains Limonene

Germ cell mutagenicity

Genotoxicity - in vivo

No effects expected based upon current data.

Carcinogenicity

No effects expected based upon current data.

ULTRAPAC RENOVATE**Reproductive toxicity****Reproductive toxicity - fertility**

No effects expected based upon current data.

Toxicological information on ingredients.**Tetrapotassium pyrophosphate****Acute toxicity - oral**

Acute toxicity oral (LD50 mg/kg)

2,000

Species

Mouse

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

4000

Species

Rabbit

Alcohols C9-11, ethoxylated**Acute toxicity - oral**

Acute toxicity oral (LD50 mg/kg)

300

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2000

Quaternary ammonium compounds, C12-18-alkyl(hydroxyethyl)dimethyl, chlorides**Acute toxicity - oral**

Acute toxicity oral (LD50 mg/kg)

200 - 2000

Species

Rat

SECTION 12: Ecological Information**12.1. Toxicity**

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

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Ecological information on ingredients.

Alcohols C9-11, ethoxylated

Acute toxicity - fish

LC50, : > 10 mg/l,

Acute toxicity - aquatic invertebrates

EC₅₀, : > 1 mg/l,

Acute toxicity - aquatic plants

IC₅₀, : > 10 mg/l,

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

Acute aquatic toxicity

LE(C)₅₀

0.1 < L(E)C50 ≤ 1

M factor (Acute)

1

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

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

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 substances classified as PBT or vPvB.

12.6. 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) 3266

ULTRAPAC RENOVATE**UN No. (IMDG)** 3266**14.2. UN proper shipping name**

Corrosive liquid, basic, inorganic, N.O.S. (contains disodium trioxosilicate)

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

Supplied in accordance with "Limited Quantity" provisions.

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****National regulations**

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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) (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**General information**

Telephone 020 8974 1515

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 26/03/2015**Revision** 2**Supersedes date** 25/10/2012**Signature** Aaron Saunders**Risk phrases in full**

ULTRAPAC RENOVATE

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes.

R41 Risk of serious damage to eyes.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50 Very toxic to aquatic organisms.

R52 Harmful to aquatic organisms.

Hazard statements in full

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.

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.