

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** RESICHEM UCEN 90 XL ACTIVATOR**Product code:** 512 UCEN 90 XL**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.**1.3. Details of the supplier of the safety data sheet****Company name:** Resimac Limited  
Unit B, Park Barn Estate  
Station Road  
Topcliffe, Thirsk  
North Yorkshire  
YO7 3SE  
United Kingdom**Tel:** 01423 325073**Email:** [info@resimac.co.uk](mailto:info@resimac.co.uk)**1.4. Emergency telephone number****Emergency tel:** 01423 325073**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Acute Tox. 4: H302; Resp. Sens. 1: H334; Aquatic Chronic 2: H411; Carc. 2: H351; Skin Corr. 1B: H314; Skin Sens. 1A: H317; STOT RE 2: H373**Most important adverse effects:** Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H351: Suspected of causing cancer.

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H373: May cause damage to organs through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Precautionary statements:** P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P285: In case of inadequate ventilation wear respiratory protection.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+352: IF ON SKIN: Wash with plenty of water/.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+313: IF exposed or concerned: Get medical advice/attention.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P501: Dispose of contents/container to hazardous or special waste collection point.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

METHYLENEOXIDE, POLYMER WITH BENZENEAMINE, HYDROGENATED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
603-894-6	135108-88-2	-	Acute Tox. 4: H302; Skin Corr. 1C: H314; STOT RE 2: H373; Aquatic Chronic 3: H412; Resp. Sens. 1: H334; Skin Sens. 1A: H317	10-30%

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4,4-METHYLENEBIS(CYCLOHEXYLAMINE)

217-168-8	1761-71-3	-	Acute Tox. 4: H302; Skin Sens. 1: H317; STOT RE 2: H373; Skin Corr. 1B: H314	10-30%
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M-PHENYLENEBIS(METHYLAMINE)

216-032-5	1477-55-0	-	Skin Corr. 1B: H314; Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 3: H412; Acute Tox. 4: H332	10-30%
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FORMALDEHYDE POLYMER WITH 1,3-BENZENEDIMETHANAMINE AND PHENOL

-	57214-10-5	-	Aquatic Acute 1: H400; Aquatic Chronic 1: H410	10-15%
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FURFURYL ALCOHOL

202-626-1	98-00-0	-	Carc. 2: H351; Acute Tox. 3: H331; Acute Tox. 4: H312; Acute Tox. 4: H302; STOT RE 2: H373; Eye Irrit. 2: H319; STOT SE 3: H335	1-5%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

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**FURFURYL ALCOHOL**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	20 mg/m3	61 mg/m3	-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Pale brown

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Boiling point/range°C:** >200 Deg C

**Relative density:** 1.00g/cc

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

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**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**METHYLENEOXIDE, POLYMER WITH BENZENEAMINE, HYDROGENATED**

ORAL	RBT	LD50	>2000	mg/kg
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**4,4-METHYLENEBIS(CYCLOHEXYLAMINE)**

DERMAL	RBT	LD50	2110	mg/kg
ORAL	RAT	LD50	625	mg/kg

**M-PHENYLENEBIS(METHYLAMINE)**

DERMAL	RAT	LD50	3100	mg/kg
ORAL	RAT	LD50	930	mg/kg

**FURFURYL ALCOHOL**

ORL	MUS	LD50	338	mg/kg
ORL	RAT	LD50	460	mg/kg
SKN	RAT	LD50	3825	mg/kg

**Relevant hazards for substance:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	INH	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

[cont...]

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**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**4,4-METHYLENEBIS(CYCLOHEXYLAMINE)**

Daphnia magna	48H EC50	6.84	mg/l
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**M-PHENYLENEBIS(METHYLAMINE)**

DAPHNIA	48H EC50	15.2	mg/l
FISH	96H LC50	>100	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN2735

**14.2. UN proper shipping name**

**Shipping name:** AMINES, LIQUID, CORROSIVE, N.O.S.

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**14.3. Transport hazard class(es)**

Transport class: 8 (M-PHENYLENEBIS(METHYLAMINE))

**14.4. Packing group**

Packing group: III

**14.5. Environmental hazards**

Environmentally hazardous: No

Marine pollutant: Yes

**14.6. Special precautions for user**

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

**Section 15: Regulatory information**

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

Specific regulations: Not applicable.

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

[cont...]



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H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.