

## Centrecoat Eco Acid Etch

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Compilation date: 05/08/2015 Revision date: 02/03/2016 Revision No: 2

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

#### 1.1. Product identifier

**Product name:** Centrecoat Eco Acid Etch

**CAS number:** Cas 506-89-8

**Product code:** R07

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

**Use of substance / mixture:** Acid replacement/cement cleaner/remover

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Promain UK Limited

C1 Pierson Court

Knowl Piece

Hitchin

Hertfordshire

SG4 0TY

United Kingdom

**Tel:** 01462 421333 **Email:** info@promain.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** 01462 421333 During office hours.

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; STOT SE 3: H335; Skin Corr. 1A: H314; Skin Irrit. 2: H315; Eye Dam. 1: H318

**Most important adverse effects:** Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark

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**Precautionary statements:** P102: Keep out of reach of children.  
P103: Read label before use.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/or if you feel unwell.  
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P332+313: If skin irritation occurs: Get medical advice/attention.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P313: Get medical advice/attention.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+313: IF exposed or concerned: Get medical attention.

## 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:

##### UREA HYDROCHLORIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
208-059-6	506-89-8	-	Acute Tox. 4: H302; STOT SE 3: H335; Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Irrit. 2: H315	30-50%

##### GLYCOLIC ACID

201-180-5	79-14-1	-	Acute Tox. 4: H332; Skin Corr. 1B: H314	.99-3%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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**Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**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:** Eye bathing equipment should be available on the premises. Show this safety data sheet to the doctor in attendance.

## 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.

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

**Exposure hazards:** Corrosive. 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:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind.

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## 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:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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:** Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. Collect and dispose of spillages as indicated in Section 13.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

### 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

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**Hazardous ingredients:**

#### GLYCOLIC ACID

Type	Exposure	Value	Population	Effect
DNEL	Inhalation - Acute	9.2 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation - ACute	9.2 mg/m <sup>3</sup>	Workers	Local
DNEL	Skin Contact - Long Term	57.69 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation - Long Term	10.56 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation - Long Term	1.53 mg/m <sup>3</sup>	Workers	Local
DNEL	Inhalation - Acute	2.3 mg/m <sup>3</sup>	Consumers	Systemic

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DNEL	Skin Contact - Long Term	28.85 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation - Long Term	2.3 mg/m <sup>3</sup>	Consumers	Local
DNEL	Ingestion - Long Term	0.75 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation - Long Term	2.6 mg/m <sup>3</sup>	Consumers	Systemic
PNEC	Fresh water	0.0312mg/l	-	-
PNEC	Marine water	0.0031 mg/l	-	-
PNEC	Fresh water sediments	0.115 mg/kg	-	-
PNEC	Marine sediments	0.0115 mg/kg	-	-
PNEC	Soil (agricultural)	0.007 mg/l	-	-
PNEC	Sewage Treatment Plants	7 mg/l	-	-
PNEC	Food chain	16.66 mg/kg	-	-

## 8.2. Exposure controls

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Ensure eye bath is to hand. Wear eye/face protection. Wear approved chemical safety goggles at all times. Ensuring they are tightly fitted.

**Skin protection:** Impermeable protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Evaporation rate:** Slow

**Oxidising:** No data available.

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100c

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** No data available.

**pH:** 1

**VOC g/l:** n/a

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

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## 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.

## 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:**

#### GLYCOLIC ACID

DERMAL	MAN	-	>5,000	mg/kg
ORAL	RAT	LD50	2,040	mg/kg
VAPOURS	RAT	4H LD50	3.6	mg/l

**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
STOT-single exposure	INH	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

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

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## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### GLYCOLIC ACID

Daphnia magna	48H EC50	141	mg/l
GREEN ALGAE (Selenastrum capricornutum)	72H ErC50	44	mg/l
GREEN ALGAE (Selenastrum capricornutum)	72H NOEC	20	mg/l
Pimephales (Fathead Minnow)	96H LC50	164	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	5,000	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:** UN3265

### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
(CONTAINS UREA HYDROCHLORIDE)

[cont...]

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## 14.3. Transport hazard class(es)

Transport class: 8

## 14.4. Packing group

Packing group: III

## 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 1

## 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

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## 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:** H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

**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.