

## SAFETY SHEET

EcoCal Version 001-201307

Based on Regulation (EG) Nr. 1907/2006 (REACH) Article 31 and Annex II

### 1. Identification of the substance or preparation and of the company

Product name:	EcoCal
Product application:	Removal of lime scale, salt efflorescence, oxidation stains on walls, cement residues, algae and moss, rust and oxidation on copper, brass, bronze and stainless steel.
Company:	Ecoform Europe
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### 2. Physical and safety data

Chemical nature lilac:	Aqueous acidic cleaner
Form:	Liquid
Color:	Light yellowish
Odour:	Mild
Change in condition:	Freezing 0°C, Boiling point 96 ° C
Density:	(20°C) 1.11 g / ml.
Steam pressure:	(- °C)
Water solubility:	(20 ° C) in all proportions g / l
pH value (g / L water):	(20 ° C) 1
Flashpoint:	(- °C)
Ignition temperature:	(- °C)
Explosion limits:	Under above
Thermal decomposition from the boiling point:	Decomposition begins at 110 °C
Hazardous decomposition products:	None
Dangerous reactions:	None if stored and handled according to specifications.

### 3. Transport

GG See/IMDG-CODE:	8/11
UN-No:	789
ICAO/IATA-DGR:	8/11
GGVE/GGVS:	8/5b
RID/ADR:	8/5b
ADNR:	n.a.

### 4. Instructions

Hazard Symbol:	Xi Irritating.
R 36/38:	Irritating to eyes and skin.
S 2:	Keep out of reach of children.
S 28:	After contact with skin rinse immediately with plenty of water.

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### 5. Protective measures, storage and usage

Technical protective measures: Store product frost-free.

**Other**  
Work hygiene: Keep away from foodstuffs.  
Change clothing that has come into contact with the product.

Fire and explosion protection: Not necessary, product is non-combustible.

### 6. Measures in case of accidents and fire

After spillage: Neutralize with plenty of water.  
Fire extinguishing agents: not applicable

### 7. Toxicological information

If used properly and with regard to the normal working hygiene when using chemicals, there are no expected adverse health effects. Is mildly irritating to the eyes and mucous membranes.

### 8. Ecological Information

The product caused no disturbance in water treatment plants after neutralization. The surfactants in the product comply with the EC - guidelines on biodegradability and contain no complex phosphates. Water hazard classification WGK 1 (own classification follow VCI - concept).

### 9. Disposal

Deliver residual liquids at a chemical depot in compliance with local regulations.

### 10. Emergencies and First Aid

Eyes: Flush eyes with plenty of water.  
Skin contact: Remove and rinse with plenty of water.  
Ingestion: Induce vomiting. Immediately drink plenty of water. Consult a doctor.

### 11. Exposure Control / Personal Protection

#### Personal protective equipment

Gloves: Protective gloves  
Respirator: not applicable  
Eyes: Safety glasses

### 12. Attention

The above information has been compiled with the utmost care. However, Ecoform can not accept any liability for damages of any nature whatsoever that may be caused by using these data or the product.