

## PRODUCT DATA & HEALTH & SAFETY INFORMATION

Revision: 1

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### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

**Product Name:**

#### RENDERGUARD

**Product Description:**

Waterproofing and plasticising additive for sand/cement renders and mortar.

**Supplier:**

ChemBuild Ltd, Tarasay, Higher Blandford Rd, Corfe Mullen, BH21 3JG  
BH21 3JG. Tel: 01202 700600 Fax: 01202 700670

### 2. COMPOSITION/INGREDIENTS INFORMATION

Chemical Description  
HAZARDOUS CHEMICALS  
Name

An aqueous solution containing fatty acids, alkalies and dyestuffs.

Name	% w/w	CAS	EINECS	SUPPLY CLASS
Sodium metasilicate	5.0	6843-92-0	229-912-9	Corrosive R34, R37
Sodium hydroxide	<1%	1310-73-2	215-185-5	Corrosive R35

### 3. HAZARD INFORMATION

Irritating to Eyes.

### 4. FIRST AID MEASURES

**Eyes:** Immediately gently irrigate with clean water for at least 15 minutes. If any irritation persists, seek medical attention straight away.

**Skin:** Remove contaminated clothing. Wash affected skin with soap and plenty of water. If irritation develops, seek medical attention.

**Ingestion:** Give one pint of water to drink as soon as possible and call for medical attention. Do NOT induce vomiting.

**Inhalation:** No significant inhalation exposure likely.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Extinguishing media appropriate to surrounding materials.

**Fire and Explosion Hazards:** None

**Protective Measures:** Determined by other materials – this material will make no significant contribution to the fire hazard.

### 6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)

**Personal Precautions:** Wear rubber gloves. Wear safety glasses with side shields.

**Environmental Precautions:** If acceptable to your local water authority, small spills can be diluted with plenty of water to regular discharge point.

**Recovery:** Disperse small quantities with water. Mop up spilled liquid.

## 7. HANDLING AND STORAGE (IN NORMAL USE)

Storage: Keep strictly separated away from food, drink and animal feed.  
Ventilation: Good general ventilation, natural or mechanical.  
Handling: Wear rubber gloves and safety glasses or goggles. Wear dust proof overalls giving full body protection.

## 8. EXPOSURE CONTROLS AND PERSONNEL PROTECTION (NORMAL USE)

### Occupational Exposure Limits

<u>Name:</u>	<u>8Hr TWA</u>	<u>10 Min</u>	<u>Type</u>	<u>Ref</u>
Sodium Hydroxide:		2 mgm <sup>3</sup>	OES	EH40/98
Sodium Metasilicate:	5 mgm <sup>3</sup> 150ppm			
Engineering Measures:	Mechanical extraction if the natural ventilation is poor.			

### Personal Protective Equipment

Respiratory: No respiratory protection normally necessary in well ventilated work areas.  
Hand: Wear rubber or PVC gloves.  
Eye: Wear safety glasses with side shields.  
Other: Disposable overalls recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow liquid.  
Odour: Faintly aromatic.  
Boiling Point: Not determined.  
pH as delivered: 11-12  
Flash Point: > 190° C  
Relative Density (SG): 1.03 (20° C)  
Solubility: Miscible with water, alcohols and glycols.

## 10. STABILITY AND REACTIVITIES

Stability: Stable in ambient conditions.  
Conditions to avoid: Avoid working in confined spaces with poor ventilation.  
Materials to avoid: Avoid any strong acids.  
Recommended materials for Equipment: No data cited.  
Hazardous decomposition: If decomposition occurs toxic fumes may be evolved of Na<sub>2</sub>O.

## 11. TOXICOLOGICAL INFORMATION

### Short Term

Eyes: Causes irritation, redness and watering of eye. Classified under EEC criteria as a primary eye irritant.  
Skin: Causes irritation and inflammation. Classified under EEC criteria as a primary skin irritant.  
Ingestion: Slightly poisonous if swallowed.  
Inhalation: This material contains constituents which have Occupational Exposure Limits – exposure is regulated to these limits in the UK and other EC member states.

## 12. ECOLOGICAL INFORMATION

Biodegradability: No data.  
Aquatic Toxicity:

## 13. DISPOSAL INFORMATION

Disposal through an authorised contractor to a licensed site, in accordance with the Control of Pollution Act 1974. Disposal outside the UK in accordance with local regulations governing hazardous liquid and solid wastes.

## **PRODUCT DATA & HEALTH & SAFETY INFORMATION**

**Product Name:** **RENDERGUARD Cont/-**

### **14. TRANSPORT INFORMATION**

Packaging (Size and description): 1 litre, 5 litre and 25 litre packs  
Transport Classification: Not regulated  
Substance Identification Number: -  
Proper Shipping Name: -  
ICAO/IATA/IMDG Class: -  
Subsidiary Risk: -  
Packing Group: -  
ADR Class: -  
Transport Hazard Symbol: Not required.  
Hazard Identification Number: -  
Emergency Action Code: -  
Other: -

### **15. REGULATORY INFORMATION**

Supply Classification: Irritant  
Hazard Pictogram: Black St Andrews cross on orange background.  
Risk Phrases: R36/38 Irritating to eyes and skin.  
Safety Phrases: S2 Keep out of reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37/39 Wear suitable protective clothing, gloves and eye/face protection.

Other Applicable Regulations: COSHH regulations apply. The information contained in this safety data sheet does NOT constitute or substitute for the users own assessment of risk in their workplace.

### **16. OTHER INFORMATION**

References: The Chemicals (Hazard Information and Packaging) Regulations, SI 1992 No. 742, SI 1980 No. 1709, 88/379/EEC. IMDG Code 1991 plus amendments. ADR Agreement 1993. Sax's Dangerous Properties of Industrial Materials 8<sup>th</sup> Edition 1992.

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## PRODUCT DATA & HEALTH & SAFETY INFORMATION

Product Name: **RENDERGUARD Cont/-**

### HAZARD IDENTIFICATION & COSHH ASSESSMENT INFORMATION

<u>Product</u>	<u>Manufacturer</u>	<u>Occupational Exposure Limits</u>				
Renderguard	ChemBuild Ltd 1 Old Coastguard Road Sandbanks Poole, Wimborne BH13 7RL Tel: 01202 700600	(EH40 listed substance)				
		Sodium Hydroxide	5 mg/m <sup>3</sup>			
		TWA	8hr			
		Sodium Metasilicate	2mg/m <sup>3</sup> (10 mins)			
<u>Chemical Composition</u>	An aqueous solution containing natural fatty acids and alkalies.					
<u>Hazard Classification</u>	Irritant,					
<u>Risks</u>	Slightly poisonous if swallowed. Irritating to eyes and skin.					
<u>Appearance</u>	Yellow viscous liquid.					
<u>ASSESSMENT OF EXPOSURE</u>						
<u>How Used</u>	Operatives should wear appropriate personal protective equipment.					
<u>Frequency of Use</u>	Used for 1-2 hours per day. Varies from every working day to once a week.					
<u>Method of Handling</u>	Product is diluted 40:1 with water					
<u>Assessed Risks in Context of Use</u>	Only minor risk of irritation from concentrated product.					
<u>Control Measures</u>	Avoid skin and eye contact.					
<u>Personal Protective Equipment During Application</u>	<u>Gloves</u>	<u>Goggles</u>	<u>Coverall</u>	<u>Respirator</u>	<u>Dust Mask</u>	<u>Face Shield</u>
	Yes	Yes	Yes	Yes	No	Yes
<u>Manufacturer's Data Sheet On File and Present in Team Leader's Folder</u>	<input type="checkbox"/>	<u>Health Surveillance Required.</u>		<input type="checkbox"/>	No	

Special Considerations: Read material safety data sheet, available on request from ChemBuild Ltd.

This document has been supplied by ChemBuild Ltd as an example of how a COSHH assessment might be carried out by the Contractor. It remains the responsibility of the Contractor to perform the assessment, taking into account all information and in-use experience available. The aim must be to fulfil his responsibility under COSHH to employ the safest treatment possible for the situation.