

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** OPTI-MIX REDNDER ADDITIVE**Product code:** OPTIREND1**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** EVERBUILD BUILDING PRODUCTS LTD  
SITE 41, KNOWSTHORPE WAY  
CROSS GREEN INDUSTRIAL ESTATE  
LEEDS  
WEST YORKSHIRE  
LS9OSW  
ENGLAND**Tel:** 0044 113 240 3456**Fax:** 0044 113 240 0024**Email:** [pault@everbuild.co.uk](mailto:pault@everbuild.co.uk)**1.4. Emergency telephone number****Emergency tel:** 0044 113 240 3456 (office hours only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CHIP:** Xi: R38; Xi: R41**Classification under CLP:** Eye Dam. 1: H318; Skin Irrit. 2: H315**Most important adverse effects:** Irritating to skin. Risk of serious damage to eyes.**2.2. Label elements****Label elements under CLP:****Hazard statements:** H315: Causes skin irritation.

H318: Causes serious eye damage.

**Signal words:** Danger**Hazard pictograms:** GHS05: Corrosion**Precautionary statements:** P102: Keep out of reach of children.

P332+313: If skin irritation occurs: Get medical advice.

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

P264: Wash hands thoroughly after handling.

P305+351+338: 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 or doctor.

P362: Take off contaminated clothing and wash before reuse.

### Label elements under CHIP:

**Hazard symbols:** Irritant.



**Risk phrases:** R38: Irritating to skin.

R41: Risk of serious damage to eyes.

**Safety phrases:** S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/39: Wear suitable protective clothing and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

### 2.3. Other hazards

**PBT:** This substance is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATE, SULPHATE SODIUM SALTS

| EINECS | CAS        | CHIP Classification | CLP Classification                      | Percent |
|--------|------------|---------------------|---|---------|
| -      | 68891-38-3 | Xi: R36/38          | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 10-30%  |

SODIUM SILICATE

|           |           |                  |   |        |
|-----------|-----------|------------------|---|--------|
| 215-687-4 | 1344-09-8 | Xi: R38; Xi: R41 | - | 10-30% |
|-----------|-----------|------------------|---|--------|

## 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. Wash immediately with plenty of soap and water.

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

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

[cont...]

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

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

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

**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:** 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:** 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.

**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**

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

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

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

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

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

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

**8.1. Control parameters**

**Workplace exposure limits:** Not applicable.

**8.2. Exposure controls**

**Respiratory protection:** Respiratory protection not required. in normal use.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. 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:** Solid

**Colour:** Yellow

**Odour:** Barely perceptible odour

**Evaporation rate:** Slow

**Solubility in water:** Miscible in all proportions

**Viscosity:** Viscous

**Boiling point/range°C:** >35

**Flash point°C:** >93

**Relative density:** 1-1.1g/cm<sup>3</sup>

**pH:** ~12

**9.2. Other information**

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

**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.

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**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Relevant effects for mixture:**

| Effect     | Route | Basis                 |
|------------|-------|-----------------------|
| Irritation | DRM   | Hazardous: calculated |

**Symptoms / routes of exposure**

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

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Section 12: Ecological information**

**12.1. Toxicity**

**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 substance is not identified as a PBT 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.

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**Section 14: Transport information**

**Transport class:** This product is not classified for transport.

**Section 15: Regulatory information**

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

**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 3:** H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

R36/38: Irritating to eyes and skin.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

**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.