



**Section 1 ; Identification of the substance /mixture and of the company undertaking**

**1.1 Product Identifier**

**Product Name:** SAFETARD LIQUID

**REACH Registered Name:**

**REACH Registered Number:**

**CAS Number:**

**EINECS Number:**

**Synonyms:**

**1.2 Relevant identified uses of the substance or mixture & uses advised against**

**Use Of Substance /mixture :** Non Hazardous concrete retarding solution / concrete aggregate exposing chemical

**1.3 Details of the supplier of the safety data**

**Company Name:** Adomast Manufacturing Ltd  
Barkston Road, Carlton Industrial Estate  
Barnsley  
S71 3HU  
Tel: 01226 707863  
Fax: 01226 718051  
Email: sales@adomast.co.uk

**1.4 Emergency telephone number**

**Emergency Telephone Number :** 07887 416399 (out of hours)

## Section 2: Hazards Identification

### 2.1 Classification of the substance or mixture

In compliance with EC Regulation No. EC 1272/2008 and its amendments

**Most Important adverse effect: No significant hazard. May cause mild skin irritation**

### 2.2 Label elements

In compliance with EC Regulation No. EC 1272/2008 and its amendments

**Hazard statements : No significant hazard. May cause very mild skin irritation**

**Signal words: none**

**Hazard pictograms : none**

**Precautionary statements :**

**P280 :Wear Protective gloves/clothing/eye protection**

**P303 +361 + 353;IF ON SKIN OR HAIR : remove all contaminated clothing. Rinse skin with water /shower**

**P304 =340 IF INHALED. Remove to fresh air and keep at rest in a position comfortable for breathing**

**P305 +351+338; IF IN EYES rinse carefully with water for several minutes. Remove contact lenses if present & easy to do so . Continue rinsing.**

**P501: Dispose of contents/container to: an approved waste facility**

### 2.3 Other hazards:

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

**Section 3: Composition on ingredients****3.2 Mixtures**

Hazardous ingredients : None

Chemical Name	EINECS	CAS	Classification – REGULATION (EC) No 1272/2008	Percent
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**Section 4 : First Aid measures****4.1 Description of first aid measures :**

**Skin contact:** Remove contaminated clothes and footwear immediately. Drench the affected skin with running water for 10 minutes

**Eye Contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination if discomfort persists or adverse effects occur

**Ingestion:** Wash the mouth out with water. Do not induce vomiting. Get medical attention if adverse effects occur

**Inhalation:** Remove casualty from exposure. If unconscious check for breathing & apply artificial respiration if necessary. Get medical attention if adverse effects occur

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

**Skin contact:** mild Irritation or discomfort may occur at site of contact.

**Eye Contact:** There may be irritation & redness.

**Ingestion:** There may be soreness & redness of the mouth & throat. Corrosive burns may appear around the lips. May cause throat burns. Nausea & stomach pains may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. May cause irritation to the mucous membrane and respiratory system.

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

### Section 5 : Fire-Fighting measures

#### 5.1 Extinguishing media

Extinguishing media : No known UNSUITABLE 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: The material is not flammable. In combustion, emits toxic fumes of carbon dioxide/carbon monoxide.

#### 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 : Wear suitable protective clothing. Refer to section 8 of SDS for personal protection details

#### 6.2 Environmental precautions

Environmental; precautions : Safetard Liquid does not contain any environmentally hazardous components. It is a WRAS approved product—suitable for contact with flora, fauna and water.

### 6.3 Methods and material for containment and cleaning up

Clean up procedures: Personal precautions: 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. Any spillages can be treated by hosing down with plenty of clean water or using vermiculite or dry sand to absorb the solution. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 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

Suitable packaging : Plastic/ Plastic lined

### 7.3 Specific end uses (s)

Specific end uses : No special requirement

## Section 8 : Exposure control / personal protection

### 8.1 Control parameters

#### Workplace exposure limits

#### Respirable Dust

Location

8 hour TWA

15 min STEL

8 Hour TWA

15 min STEL

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**Hazardous ingredients : None Applicable**

**UK                      8 hour TWA      15 min STEL**

**DNEL / PNEC Values : No data available**

<b>Type</b>	<b>Exposure</b>	<b>Value</b>	<b>Population</b>	<b>Effect</b>
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**8.2 Exposure controls**

- Engineering measures:**      **Ensure there is sufficient ventilation of the area**
- Respiratory protection:**      **Respiratory protection is not normally required However suitable respiratory equipment may need to be provided for those operations which generate vapour, mists or fumes and where exposure cannot be adequately controlled by local exhaust ventilation or other means**
- Hand protection:**              **Protective gloves (alkali resistant)**
- Eye protection:**                **Tightly fitting safety goggles. Ensure eye bath is to hand.**
- Skin protection:**                **Protective clothing**
- Environmental:**                 **No special requirement**

## Section 9.0 Physical and Chemical properties

### 9.1 Information on basic physical and chemical properties

**State:** Liquid  
**Colour:** Dark Brown  
**Odour:** Barely perceptible odour  
**Oxidising:** Non oxidising  
**Solubility in water:** Soluble  
**Viscosity:** Non viscous  
**Boiling point /range °C :**  
**Relative density:** 1.084  
**pH :** 6.8-7.2

### 9.2 Other information

Other information : Not applicable

## Section 10.0 Stability and reactivity

### 10.1 Reactivity

**Reactivity :** stable under normal conditions

### 10.2 Chemical stability

**Chemical stability :** stable under normal conditions

### 10.3 Possibility of hazardous reactions

**Possibility of hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions

**10.4 Conditions to avoid**

Conditions to avoid: Heat

**10.5 Incompatible materials**

Materials to avoid: Strong oxidising agents

**10.6 Hazardous decomposition products**Haz decomp products : This product may give rise to hazardous fumes in a fire.  
(carbon monoxide/carbon dioxide)**Section 11 Toxicological information****11.1 Information on toxicological effects :**

Toxicity values: Contains Sodium Gluconate

Route	species	Test	Value	Units
ORAL	RAT	LD50	> 2000	mg/kg

Relevant effect for mixture :

Effect	Route	Basis
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**Symptoms / routes of exposure**

**Skin contact:** Mild irritation or pain may occur at the site of contact.

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

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

**Inhalation :** There may be irritation of the throat and a feeling of tightness in the chest. May cause irritation of the mucous membranes and respiratory system

**Delayed / immediate effects:** Immediate effects can be experienced after short term exposure

**Other information:** No other information available at this moment

**Section 12 Ecological information****12.1 Toxicity:**

**Ecotoxicity values :**

Species	Test	Value	Units
Algae	48H EC50	>1000	mg/l
Daphnia magna	96H LC50	>1000	mg/l
Fish	96H EC50	>1000	mg/l

**12.2 Persistence and degradability**

**Persistence and degradability :** READILY BIODEGRADABLE

### 12.3 Bioaccumulative potential

**Bioaccumulative potential:**      **There is no evidence of bioaccumulation**

### 12.4 Mobility in soil

**Mobility :**      **Readily absorbed into soil. Fully soluble in water**

### 12.5 Results of PBT and vPvB assessment

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

### 12.6 Other adverse effects

**Other adverse effects:**      **Not expected to cause significant environmental impact**

## Section 13 Disposal considerations

### 13.1 Waste treatment methods

Disposal Operations: Normally can be flushed down sewers

Recovery operations : No information available at this time

Disposal of packaging : May be reused following decontamination. Where practical containers and packaging should be recycled by a licensed contractor

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

**Section 14 Transport information . This product does not require a classification for transport**

**14.1 UN number:**

UN Number: NA

**14.2 UN proper shipping name**

Shipping name : NA

**14.3 Transport Hazard Class**

Transport class: This product does not require a classification for transport. This product is not dangerous, not hazardous, and not restricted for transport by air

**14.4 Packing Group**

Packing group :

**14.5 Environmental hazards**

Environmentally hazardous : NO

Marine pollutant : NO

**14.6 Special precautions for user**

Special precautions: No special precautions

Tunnel code:

Transport category :

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

Transport in bulk:

## Section 15 Regulatory information

### 15.1 Safety, health and environmental regulations specific for the substance or mixture

Specific regulations:

### 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

### 16.1 Other information :

Other information:

Phrases used in s.2 and s.3 :

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. The company shall not be held liable for any damage resulting from handling or from contact with the above product.