

**Section 1 ; Identification of the substance /mixture and of the company undertaking****1.1 Product Identifier**

Product Name: SAFETARD GEL

REACH Registered Name:

REACH Registered Number:

CAS Number:

EINECS Number:

Synonyms:

**Produktet er ikke klassificeret som  
farligt iht. CLP og produktet indeholder  
ikke deklareringspligtige stoffer**

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

Use Of Substance /mixture : Proprietary 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 (24 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 mild skin irritation

Signal words:

Hazard pictograms :

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

**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 symptoms persist

**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:** Irritation or pain 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 : 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:** 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. Absorb into dry earth or sand. 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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UK

Hazardous ingredients : NA

UK                      8 hour TWA      15 min STEL

DNEL / PNEC Values : No data available

Type	Exposure	Value	Population	Effect
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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

**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: Pourable Gel

Colour: Pale Blue

Odour: Barely perceptible odour

Oxidising: Non oxidising

Solubility in water: Soluble

Viscosity: Gel like

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	> 20000	mg/kg

Relevant effect for mixture :

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

**Skin contact:** very mild irritation 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.

**Delayed / immediate effects:**

**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	>10000	mg/l
Daphnia magna	96H LC50	>10000	mg/l
Fish	96H EC50	>10000	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 classification for transport****14.1 UN number:**

UN Number: NA—not regulated. Not considered dangerous

**14.2 UN proper shipping name**

Shipping name : NA—not regulated. Not considered dangerous

**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: NA

Transport category : NA

**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

**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

### 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.