

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:

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
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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 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 productsHaz 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.