

# INSTARMAC

## SAFETY DATA SHEET Envirobed Flowable 18kg bag

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name Envirobed Flowable 18kg bag

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
Danny Morson Way  
Birch Coppice Business Park  
Dordon, Tamworth  
Staffordshire. B78 1SE  
United Kingdom  
Tel: +44 (0) 1827 254400  
Fax: +44 (0) 1827 285386  
email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

Emergency telephone +44(0)1827 254433 +44 (0)7971 217 347 (24 hours)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335

Environmental hazards Not Classified

Human health See Section 11 for additional information on health hazards.

Environmental The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

##### Hazard pictograms



Signal word Danger

Hazard statements  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.

## Envirobed Flowable 18kg bag

<b>Precautionary statements</b>	<p>P261 Avoid breathing dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** PORTLAND CEMENT, HIGH ALUMINA CEMENT

<b>Supplementary precautionary statements</b>	<p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362 Take off contaminated clothing.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>
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### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

**Classification according to EC 1272/2008 (CLP)**

### 3.2. Mixtures

<b>PORTLAND CEMENT</b>	<b>10-30%</b>
CAS number: 65997-15-1	EC number: 266-043-4
<p><b>Classification</b></p> <p>Skin Irrit. 2 - H315</p> <p>Eye Dam. 1 - H318</p> <p>Skin Sens. 1B - H317</p> <p>STOT SE 3 - H335</p>	

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<b>GROUND NATURAL CALCIUM CARBONATE</b>	<b>10-30%</b>
CAS number: 1317-65-3	
<b>Classification</b> Not Classified	
<b>HIGH ALUMINA CEMENT</b>	<b>10-30%</b>
CAS number: 65997-16-2                      EC number: 266-045-5	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
<b>Quartz</b>	<b>10-30%</b>
CAS number: 14808-60-7                      EC number: 238-878-4	
<b>Classification</b> Not Classified	
<b>Lignosulphate</b>	<b>1-5%</b>
CAS number: 8061-51-6                      EC number: 617-124-1	
<b>Classification</b> Not Classified	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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## Envirobed Flowable 18kg bag

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Not known. No unusual fire or explosion hazards noted.

**Hazardous combustion products** Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment.

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

**Methods for cleaning up** GENERAL. For waste disposal, see Section 13.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13. See Section 11 for additional information on health hazards.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** No specific recommendations.

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

**Storage precautions** Store at moderate temperatures in dry, well ventilated area.

**Storage class** Unspecified storage.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **PORTLAND CEMENT**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

##### **GROUND NATURAL CALCIUM CARBONATE**

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup> resp.dust

##### **HIGH ALUMINA CEMENT**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

## Envirobed Flowable 18kg bag

### Quartz

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup>

### Lignosulphate

Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

**Ingredient comments** No exposure limits known for ingredient(s).

### PORTLAND CEMENT (CAS: 65997-15-1)

#### DNEL

A derived no-effect level (DNEL) of 1 mg/m<sup>3</sup> (as respirable dust) over an hour shift has been set.

### Lignosulphate (CAS: 8061-51-6)

#### Ingredient comments

WEL = Workplace Exposure Limits

## 8.2. Exposure controls

### Protective equipment



**Appropriate engineering controls**

Not relevant.

**Eye/face protection**

The following protection should be worn: Chemical splash goggles.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**Respiratory protection**

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

**Appearance**

Dusty powder.

### 9.2. Other information

**Other information**

Not available.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity**

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability**

No particular stability concerns.

## Envirobed Flowable 18kg bag

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**General information** No specific health hazards known.

**Inhalation** No specific health hazards known.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

**Acute and chronic health hazards** This product may cause skin and eye irritation.

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Toxicity** No information available

### 12.2. Persistence and degradability

**Persistence and degradability** No information available There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not available.

## Envirobed Flowable 18kg bag

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

### SECTION 15: Regulatory information

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

<b>National regulations</b>	Health and Safety at Work etc. Act 1974 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>Guidance</b>	Safety Data Sheets for Substances and Preparations.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	Only trained personnel should use this material.
<b>Issued by</b>	HS&E Manager.
<b>Revision date</b>	20/09/2019
<b>Revision</b>	5

## Envirobed Flowable 18kg bag

<b>Supersedes date</b>	25/11/2014
<b>SDS number</b>	115051
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.

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# **INSTARMAC**

## **SAFETY DATA SHEET Envirobed Flowable Bottle**

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### **1.1. Product identifier**

**Product name** Envirobed Flowable Bottle

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Uses advised against** No specific uses advised against are identified.

#### **1.3. Details of the supplier of the safety data sheet**

**Supplier** Instarmac Group plc  
Danny Morson Way  
Birch Coppice Business Park  
Dordon, Tamworth  
Staffordshire. B78 1SE  
United Kingdom  
Tel: +44 (0) 1827 254400  
Fax: +44 (0) 1827 285386  
email@instarmac.co.uk www.instarmac.co.uk

#### **1.4. Emergency telephone number**

**Emergency telephone** +44(0)1827 254433 +44 (0)7971 217 347 (24 hours)

### **SECTION 2: Hazards identification**

#### **2.1. Classification of the substance or mixture**

##### **Classification (EC 1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Human health** See Section 11 for additional information on health hazards.

**Environmental** The product is not expected to be hazardous to the environment.

#### **2.2. Label elements**

**Hazard statements** EUH208 Contains . May produce an allergic reaction.

#### **2.3. Other hazards**

This substance is not classified as PBT or vPvB according to current EU criteria.

### **SECTION 3: Composition/information on ingredients**

#### **3.1. Substances**

**Classification according to EC  
1272/2008 (CLP)**

### **SECTION 4: First aid measures**

## Envirobed Flowable Bottle

### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Not known. No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid release to the environment.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	GENERAL. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13. See Section 11 for additional information on health hazards.
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## Envirobed Flowable Bottle

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations.

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

**Storage precautions** Store at moderate temperatures in dry, well ventilated area.

**Storage class** Unspecified storage.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

Long-term exposure limit (8-hour TWA): WEL 0.20 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

**Ingredient comments** No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Not relevant.

**Eye/face protection** The following protection should be worn: Chemical splash goggles.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures** Wash at the end of each work shift and before eating, smoking and using the toilet. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**Respiratory protection** No specific recommendations.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

#### 9.2. Other information

**Other information** Not available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

## Envirobed Flowable Bottle

### 10.2. Chemical stability

**Stability** No particular stability concerns.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**General information** No specific health hazards known.

**Inhalation** No specific health hazards known.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

**Acute and chronic health hazards** This product may cause skin and eye irritation.

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Toxicity** No information available

### 12.2. Persistence and degradability

**Persistence and degradability** No information available There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

## Envirobed Flowable Bottle

### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### **Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### SECTION 15: Regulatory information

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

**National regulations** Health and Safety at Work etc. Act 1974 (as amended).  
Control of Substances Hazardous to Health Regulations 2002 (as amended).

**Guidance** Safety Data Sheets for Substances and Preparations.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**General information** Only trained personnel should use this material.

**Issued by** HS&E Manager.

## Envirobed Flowable Bottle

<b>Revision date</b>	23/04/2021
<b>Revision</b>	14
<b>Supersedes date</b>	17/07/2015
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	EUH208 Contains . May produce an allergic reaction.

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