

## SAFETY DATA SHEET

### CLEARFLO A BLOCK

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product Identifier:**

**Trade Name:** CLEARFLO A BLOCK  
**EC No:** Mixture  
**REACH Registration Number:** Mixture  
**CAS No:** Mixture

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

**Identified Uses:** Process aid for industrial applications

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

**Supplier:** GPC CLEAR SOLUTIONS LIMITED  
Unit 57  
Riverside Estate  
Sir Thomas Longley Road  
Medway City Estate  
Rochester  
Kent  
ME2 4DP  
United Kingdom

**Telephone Number:** +44 (0) 1634 326920

**Mobile:** +44 (0) 7787564967

**Email:** [sales@gpcclearsolutions.co.uk](mailto:sales@gpcclearsolutions.co.uk)

**1.4 Emergency Telephone Number (Office hours only):**

**GPC Clear Solution Ltd (Office hours only):** +44 (0) 7787 564 967

**National Poison Information Service:** NHS Direct: 0845 4647 or 111 (24/24, 7/7)  
Scotland: NHS 24-08454 24 24 24 (24/24, 7/7)

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#### 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
- 2.1.1 Classification according to Regulation (EC) No1272/2008:** Not classified as hazardous
- 2.2 Label Elements: (Labelling according to Regulation (EC) No 1272/2008:**
- |                                  |               |
|----------------------------------|---------------|
| <b>Hazard Pictograms:</b>        | None assigned |
| <b>Signal Word:</b>              | None assigned |
| <b>Hazard Statements:</b>        | None assigned |
| <b>Precautionary Statements:</b> | None assigned |
- 2.3 Other Hazards:** Very slippery when wet
- PBT and vPvB assessment:** Does not fill the criteria according to ANNEX XIII of REACH

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Identification of the preparation:** Cationic polymer in solid form

#### 4. FIRST AID MEASURES

- 4.1 Description of first aid measures:**
- 4.1.1 Inhalation:** Under normal condition of use, inhalation is not expected. Move the person to fresh air. Obtain medical attention if irritation persists.
- 4.1.2 Skin contact:** Wash with soap and water. In case of persistent skin irritation or allergic reactions seek medical attention.
- 4.1.3 Eye contact:** Rinse thoroughly with plenty of water, also under the eyelids. Obtain medical attention if irritation persists
- 4.1.4 Ingestion:** The product is not considered to be hazardous. Seek medical attention if product is swallowed. Do not induce vomiting.
- 4.2 Most important symptoms and effects, both acute and delayed:** May cause localised skin irritation. Contact with dust can cause mechanical irritation or drying of skin
- 4.7 Indication of any immediate medical attention and special treatment needed:** None

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#### 5. FIRE-FIGHTING MEASURES

- |            |   |   |
|------------|---|---|
| <b>5.1</b> | <b>Suitable extinguishing media:</b>                          | Use carbon dioxide, dry powder or foam                                |
| <b>5.2</b> | <b>Special hazards arising from the substance or mixture:</b> | Spills produce extremely slippery surfaces                            |
| <b>5.3</b> | <b>Advice for fire firefighters:</b>                          | Wear full protective clothing and self-contained breathing apparatus. |

#### 6. ACCIDENTAL RELEASE MEASURES

- |            |   |   |
|------------|---|---|
| <b>6.1</b> | <b>Personal precautions, protective equipment and emergency procedures:</b> | Wear suitable equipment for protection of eyes and skin.  |
| <b>6.2</b> | <b>Environmental precautions:</b>   | Prevent product from entering drains and prevent further spillage, if safe to do so.  |
| <b>6.3</b> | <b>Methods and material for containment and cleaning up:</b>                | Collect and place in suitable storage containers, labelled for disposal. After cleaning, flush the area with plenty of water until the floor surface is free of contamination and not slippery. |
| <b>6.4</b> | <b>Reference to other sections:</b>   | Suitable equipment for eye/face and skin protection is quoted in section 8. Suitable methods for disposal are quoted in section 13.   |

#### 7. HANDLING AND STORAGE

- |            |  |  |
|------------|--|--|
| <b>7.1</b> | <b>Precautions for safe handling:</b>                            | Avoid contact with skin and eyes.<br>Provide facilities such as eyewash, soap and water a determined in a risk assessment based on expected usage and routes of contact. |
| <b>7.2</b> | <b>Conditions for safe storage, including any incompatibles:</b> | Store between 5°C and 30°C. Keep packaging well sealed and away from moisture  |
| <b>7.3</b> | <b>Specific end use(s):</b>                                      | There is no specific end use in addition to that shown in section 1.   |

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#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>8.1</b>	<b>Control parameters:</b>				
	<b>Occupational Exposure limit values:</b>	<b>WEL (8 hour reference period)</b>	<b>STEL (15 minute reference period)</b>		
		ppm	mgm <sup>3</sup>	ppm	mgm <sup>3</sup>
		-	-	-	-
<b>8.2</b>	<b>Exposure controls:</b>	No specific requirements			
<b>8.3</b>	<b>Engineering measures:</b>	No specific requirements			
<b>8.4</b>	<b>Personnel protection:</b>	Wear gloves made from nitrile, PVC or PVA conforming to BS EN374. Wear eye protection to BS EN166. Wear protective clothing dependant on level of potential exposure based on findings of a risk assessment.			
<b>8.5</b>	<b>Emergency:</b>	Provide eyewash facilities, soap and water.			
<b>8.6</b>	<b>Hygiene measures:</b>	Employ good industrial hygiene procedures including no eating/drinking or smoking whilst handling the material. Wash hands before eating, smoking or the toilet. Remove and clean/replace any contaminated clothing/PPE before reuse.			

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	<b>Appearance:</b>	White solid
<b>9.2</b>	<b>pH:</b>	4-9
<b>9.3</b>	<b>Flash point:</b>	Not applicable

#### 10. STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity:</b>	Stable under normal conditions.
<b>10.2</b>	<b>Chemical stability:</b>	The product is stable under normal storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions:</b>	No hazardous reactions are likely if stored and handled as prescribed.
<b>10.4</b>	<b>Conditions to avoid:</b>	Moisture and extreme temperatures. Oxidising agents may cause exothermic reactions.
<b>10.5</b>	<b>Incompatible materials:</b>	Strong oxidising agents and strong bases
<b>10.6</b>	<b>Hazardous decomposition products:</b>	No decomposition if stored and applied as directed. Burning of the dried material can produce; Nitrogen oxides (NOx) and carbon oxides.

#### 11. TOXICOLOGICAL INFORMATION

##### 11.1 Information on toxicological effects

##### 11.1.1 Acute toxicity

-	<b>Oral:</b>	LD50 / oral / rat > 5000 mg/kg (estimated)
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- <b>Dermal:</b>	LD50 / Dermal rat > 5000 mg/kg (estimated)
- <b>Inhalation:</b>	The product is not expected to be toxic by inhalation, route of inhalation unlikely.
<b>11.1.2 Irritation</b>	
- <b>Skin:</b>	Testing conducted on rabbits according to the Draize technique showed the material not to be irritating to the skin
- <b>Eyes:</b>	Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight conjunctival effects
<b>11.1.3 Sensitisation:</b>	The results of testing on guinea pigs showed this material to be non-sensitising.
<b>11.1.4 Chronic Toxicity:</b>	No data available

## 12. ECOLOGICAL INFORMATION

<b>12.1 Ecotoxicity:</b>	
<b>Acute aquatic toxicity</b>	
- <b>Fish:</b>	LC50 / Fathead minnows / 96 h > 1000 mg/l
- <b>Daphnids:</b>	EC50 / <i>Daphnia magna</i> / 48 hours > 100 mg/L (OCED 202)
- <b>Algae:</b>	EC50 / 96h / Salenstrum Caprocomumtum > 500 m/l
<b>12.2 Persistence and degradability:</b>	Not readily biodegradable, but degradable by hydrolysis.
<b>12.3 Bioaccumulative potential:</b>	No expected to bioaccumulate
<b>12.4 Mobility in soil:</b>	Soluble in water
<b>12.5 Results of PBT and vPVB assessment:</b>	Not applicable
<b>12.7 Other adverse effects:</b>	None known, the product does not contain any ingredient classed a dangerous for the environment.

## 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods:</b>	Dispose of per local regulation applicable. Spills should be contained, collected using an appropriate method such as absorption or pumping. Then stored in suitable containers for reuse or disposal.
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## 14. TRANSPORT INFORMATION

<b>14.1 UN number:</b>	Not regulated for transport
<b>14.2 UN proper shipping name:</b>	Not regulated for transport
<b>14.3 Transport hazard class(es):</b>	
<b>14.3.1 ADR/RID/AND Class:</b>	Not regulated for transport
<b>14.3.2 ADR Label No:</b>	Not regulated for transport

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<b>14.3.3</b>	<b>IMDG Class:</b>	Not regulated for transport
<b>14.3.4</b>	<b>ICAO Class/Division:</b>	Not regulated for transport
<b>14.3.5</b>	<b>Transport Labels:</b>	Not regulated for transport
<b>14.4</b>	<b>Packing group:</b>	Not regulated for transport
<b>14.5</b>	<b>Environmental hazards:</b>	Not regulated for transport
<b>14.6</b>	<b>Specific precautions for User:</b>	Not regulated for transport
<b>14.7</b>	<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:</b>	Not regulated for transport

## 15. REGULATORY INFORMATION

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

Registration Evaluation, Authorization and Restriction of Chemicals (REACH) Regulation, (EC) No 1907/2006.  
Classification, Labelling and Packaging of Substances and Mixtures Regulation, (EC) No 1272/2008

### 15.2 Chemical Safety Assessment:

A chemical safety assessment has not been conducted.

## 16. OTHER INFORMATION

### Further information:

This SDS was prepared in accordance with the following:

Regulation EC 1272/2008

Regulation EC 197/2006

Regulation EC 453/2010

This product is not classified as hazardous according to regulation EC 1272/2008, as a result the requirement for the content of a safety data sheet under regulation EC 1907/2006 are not fully addressed in this safety data sheet. This safe data sheet has been provided wholly on a voluntary basis.

### Contact:

Tele: +44 (0) 1634326920

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only a guidance for safe handling, use, process, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.