

## Material Safety Data Sheet

according to Regulation (EU) 2015/830

MSDS No: PER288

Issue No: 5

### **IMPORTANT**

Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

---

### **1. IDENTIFICATION**

Product Name	Zinc Polycarboxylate Cement Liquid
Company Name	Perfection Plus Ltd
Company Address	6 Westwood Court, Brunel Road, Totton, Hants. SO40 3WX. UK
Company Phone No.	+44 (0) 2380 866 677

### **2. HAZARDS IDENTIFICATION**

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

Main hazards	No Significant Hazard
--------------	-----------------------

#### **2.2 Label Elements**

Risk phrases	No Significant Hazard
--------------	-----------------------

#### **2.3 Other hazards**

Other hazards	No Significant Hazard.
Further information	Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

### **3. COMPOSITION/INFORMATION ON PREPARATION**

### 3.1 Mixtures

EC 1272/2008

Components Name	Index No	CAS No	EC No	REACH Registration No	Conc (% w/w)	Classification
Acrylic Acid Polymer		9003-01-4			30 - 40%	

## 4. FIRST AID MEASURES

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Skin Contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. May cause irritation to mucous membranes. Seek medical attention if irritation or symptoms persist.

### 4.1 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

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

Burning produces irritating, toxic and obnoxious fumes.

### 5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

## 6. HANDLING AND STORAGE

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

Ensure adequate ventilation of the working area.

### 6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

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

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**6.4 Reference to other sections**

SECTION 13: Disposal considerations.

**7. HANDLING AND STORAGE**
**7.1 Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

**7.2 Conditions for safe storage, including any incompatibilities**

Not applicable.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Exposure controls**

**8.1.1 Appropriate engineering controls**

Ensure adequate ventilation of the working area.

**8.1.2 Individual Protection Measures**

Wear protective clothing.

Eye / face protection – wear approved safety goggles

Skin / Hand protection – wear suitable gloves

**9. PHYSICAL AND CHEMICAL PROPERTIES**
**9.1. Information on basic physical and chemical properties**

Physical State	Viscous liquid.
Colour	Clear/Colourless
Odour	Slight/Odourless
Odour Threshold	No data available
pH	< 3
Melting Point	No data available
Freezing Point	No data available
Initial boiling Point	No data available
Flash Point (°C)	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available

Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Heat.

### 10.5 Incompatible materials

Strong acids. Strong bases.

### 10.6 Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity	Harmful in contact with skin and if swallowed.
Skin corrosion/irritation	CAUSES SKIN IRRITATION.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
Aspiration hazard	Harmful if swallowed or if inhaled.
Repeated or prolonged	Corrosive and Irritant Effects.

exposure	
Further information	No data is available on this product.

## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

<b>12.2. Persistence and degradability</b>	No data is available on this product.
<b>12.3. Bioaccumulative potential</b>	
<b>Partition coefficient</b>	<b>Zinc Polycarboxylate Cement Liquid</b> No data available
<b>12.4. Mobility in soil</b>	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	None.
<b>12.6. Other adverse effects</b>	No data is available on this product.

## **13. DISPOSAL CONSIDERATIONS**

Dispose of in compliance with all local and national regulations.  
 18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND /OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care).  
 For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.  
 Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## **14. TRANSPORTATION INFORMATION**

14.1. UN number	The product is not classified as dangerous for carriage.
14.2. UN proper shipping name	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es)	The product is not classified as dangerous for carriage.
14.4. Packing group	The product is not classified as dangerous for carriage.
14.5. Environmental hazards	The product is not classified as dangerous for carriage.
14.6. Special precautions for user	The product is not classified as dangerous for carriage.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	The product is not classified as dangerous for carriage.

## **15. REGULATORY INFORMATION**

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

No data is available on this product.

**15.2. Chemical safety assessment**

No data is available on this product.

**16. OTHER INFORMATION**

Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>2 - Further information.</li> <li>4 - Inhalation.</li> <li>8 - Skin protection - Handprotection.</li> <li>8 - Eye / face protection.</li> <li>9 - 9.1. Information on basic physical and chemical properties (PH).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Melting point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flash point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Explosive properties).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Relative density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Vapour density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</li> <li>9 - 9.1. Information on basic physical and chemical properties</li> </ul>
----------	--

	<p>(Freezing Point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Solubility).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour threshold).</p> <p>9 - 9.2. Other information (Conductivity).</p> <p>9 - 9.2. Other information (Partition coefficient).</p> <p>9 - 9.2. Other information (Gas group).</p> <p>9 - 9.2. Other information (Surface tension).</p> <p>9 - 9.2. Other information (Benzene Content).</p> <p>9 - 9.2. Other information (Product Subcategory).</p> <p>9 - 9.2. Other information (Lead content).</p> <p>10 - 10.4. Conditions to avoid.</p> <p>10 - 10.3. Possibility of hazardous reactions.</p> <p>10 - 10.6. Hazardous decomposition products.</p> <p>10 - 10.1. Reactivity.</p> <p>10 - 10.5. Incompatible materials.</p> <p>11 - 11.1.4. Toxicological Information.</p> <p>11 - Acute toxicity.</p> <p>11 - Skin corrosion/irritation.</p> <p>11 - Respiratory or skin sensitisation.</p> <p>11 - Repeated or prolonged exposure.</p> <p>11 - Germ cell mutagenicity.</p> <p>11 - Carcinogenicity.</p> <p>11 - Reproductive toxicity.</p> <p>11 - Aspiration hazard.</p> <p>12 - 12.4. Mobility in soil.</p> <p>12 - 12.2. Persistence and degradability.</p> <p>12 - 12.5. Results of PBT and vPvB assessment.</p> <p>13 - General information.</p> <p>15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>16 - Maximum content of VOC.</p>
Further information	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.</p>

**REVISED DATE: 19/06/2018**

**ISSUE No: 5**

**SUPERSEDES  
ISSUE: 4**

**DISCLAIMER OF LIABILITY**

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.



The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**Emergency Phone No: 023 8086 6677**