

## Safety Data Sheet

### According to Regulation (EU) 2015/830

#### **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**

##### **1.1 Product Identifier**

|              |                              |
|--------------|------------------------------|
| Product Name | Everest Glass Ionomer Liquid |
|--------------|------------------------------|

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

|                |   |
|----------------|---|
| Product Use    | (SU22) Professional uses: Public domain (administration, education, entertainment, services, craftsmen); (SU20) Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); |
| Restricted Use | (SU21) Consumer Uses: Private households (=general public = consumers);   |
| Description    | Dental Product.   |

##### **1.3 Supplier of the Safety Data Sheet**

|                                   |  |
|-----------------------------------|--|
| 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                                       |
| Website                           | www.perfectionplus.com                                     |
| Telephone                         | 0044 (0) 2380 866677                                       |
| Email                             | Regulatory@perfectionplus.com                              |
| Email address of Competent Person | Regulatory@perfectionplus.com                              |

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

|                            |  |
|----------------------------|--|
| Emergency telephone number | 0044 (0) 230 866 677<br>(8am – 5pm Monday to Friday) |
|----------------------------|--|

#### **2. HAZARDS IDENTIFICATION**

##### **2.2 Label Elements**

|                  |                        |
|------------------|------------------------|
| Hazard Statement | No Significant Hazard. |
|------------------|------------------------|

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

|               |                            |
|---------------|----------------------------|
| Other hazards | PBT. vPvB. Not applicable. |
|---------------|----------------------------|

#### **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 INGREDIENTS**

##### **Description**

|  |   |
|--|---|
|  | This product does not contain any substances classified as hazardous to health. |
|--|---|

#### **4. FIRST AID MEASURES**

##### **4.1 Description of first aid measures**

|              |   |
|--------------|---|
| Inhalation   | Move the exposed person to fresh air.   |
| Eye Contact  | Rinse immediately with plenty of water for 15 minutes holding the eyelids open.   |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion    | If swallowed, seek medical advice immediately and show this container or label.   |

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

|              |   |
|--------------|---|
| Inhalation   | May cause irritation to mucous membranes. |
| Eye Contact  | May cause irritation to eyes.             |
| Skin contact | May cause irritation to skin.             |

|   |   |
|---|---|
| Ingestion   | May cause irritation to mucous membranes.                 |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> |   |
| Inhalation  | Seek medical attention if irritation or symptoms persist. |
| Eye Contact   | Seek medical attention if irritation or symptoms persist. |
| Skin contact  | Seek medical attention if irritation or symptoms persist. |
| Ingestion   | Seek medical attention if irritation or symptoms persist. |

**General information**

|  |  |
|--|--|
|  | 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. ACCIDENTAL RELEASE MEASURES**
**6.1 Personal precautions, protective equipment and emergency procedures**

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

**6.2 Environmental precautions**

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

**6.3 Methods and material for containment and cleaning up**

|  |   |
|--|---|
|  | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

**6.4 Reference to other sections**

|  |   |
|--|---|
|  | See section 13 for disposal information. See section 8 for exposure controls/personal protection. |
|--|---|

**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**

|  |   |
|--|---|
|  | Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store in original container. |
|--|---|

**7.3 Specific end use(S)**

|  |   |
|--|---|
|  | See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information. |
|--|---|

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Control parameters**

|  |                        |
|--|------------------------|
|  | No Significant Hazard. |
|--|------------------------|

**8.2 Exposure controls**

|  |   |
|--|---|
|  |  |
|--|---|

**8.2.1 Appropriate engineering controls**

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. |
|--|--|

**8.2.2 Individual protection measures**

|                     |                                    |
|---------------------|------------------------------------|
|                     | Wear chemical protective clothing. |
| Eye/face protection | Approved safety goggles.           |

|                                      |   |
|--------------------------------------|---|
| Skin protection –<br>Hand protection | Chemical resistant gloves.                          |
| Respiratory protection               | Wear suitable respiratory equipment when necessary. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

|                           |                   |                          |                   |
|---------------------------|-------------------|--------------------------|-------------------|
| Appearance                | Viscous liquid    | Vapour pressure          | No data available |
| Colour                    | Clear Colourless  | Vapour density           | No data available |
| Odour                     | Slight/Odourless  | Relative density         | No data available |
| Odour threshold           | No data available | Fat solubility           | No data available |
| pH                        | <3                | Partition coefficient    | No data available |
| Melting point             | No data available | Autoignition temperature | No data available |
| Freezing point            | No data available | Viscosity                | No data available |
| Initial boiling point     | No data available | Explosive properties     | No data available |
| Flash point               | No data available | Oxidising properties     | No data available |
| Evaporation rate          | No data available | Solubility               | Miscible in water |
| Flammability (solid, gas) | 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 is available on this product. |
|--|---------------------------------------|

### 10.4 Conditions to avoid

|  |                        |
|--|------------------------|
|  | Direct sunlight. 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                       | May be harmful if swallowed.              |
| Skin corrosion/irritation            | May cause irritation to skin.             |
| Serious eye<br>damage/irritation     | May cause irritation to eyes.             |
| Respiratory or skin<br>sensitisation | May cause irritation to mucous membranes. |
| Germ cell mutagenicity               | No mutagenic effects reported.            |
| Carcinogenicity                      | No carcinogenic effects reported.         |
| Reproductive toxicity                | No teratogenic effects reported.          |
| STOT-single exposure                 | No data available.                        |
| STOT-repeated exposure               | No data available.                        |
| Aspiration hazard                    | May cause irritation to mucous membranes. |

|                                |  |
|--------------------------------|--|
| Repeated or prolonged exposure | May cause irritation to skin, eyes and mucous membranes. |
|--------------------------------|--|

**11.1.4 Toxicological Information**

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

**12. ECOLOGICAL INFORMATION**
**12.1 Toxicity**

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

**12.2 Persistence and degradability**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**12.3 Bio accumulative potential**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**Partition coefficient**

|  |   |
|--|---|
|  | <b>Everest Glass Ionomer Liquid</b> No data available |
|--|---|

**12.4 Mobility in soil**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**12.5 Results of PBT and vPvB assessment**

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

**12.6 Other adverse effects**

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

**13. DISPOSAL CONSIDERATIONS**
**13.1 Waste treatment methods**

|  |   |
|--|---|
|  | Dispose of in compliance with all local and national regulations. |
|--|---|

**General information**

|  |   |
|--|---|
|  | 18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care). 18 01 wastes from natal care, diagnosis, treatment or prevention of disease in humans. 18 01 06 chemicals consisting of or containing dangerous substances. |
|--|---|

**Disposal Methods**

|  |   |
|--|---|
|  | Do not empty in to drains. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. |
|--|---|

**Disposal of packaging**

|  |  |
|--|--|
|  | Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling. |
|--|--|

**14. TRANSPORT INFORMATION**
**14.1 UN number**

|  |   |
|--|---|
|  | This product is not classified as dangerous for carriage. |
|--|---|

**14.2 UN proper shipping name**

|  |   |
|--|---|
|  | This product is not classified as dangerous for carriage. |
|--|---|

**14.3 Transport hazard class(es)**

|  |   |
|--|---|
|  | This product is not classified as dangerous for carriage. |
|--|---|

**14.4 Packing group**

|  |   |
|--|---|
|  | This product is not classified as dangerous for carriage. |
|--|---|

**14.5 Environmental hazards**

|  |   |
|--|---|
|  | This product is not classified as dangerous for carriage. |
|--|---|

**14.6 Special precautions for user**

|  |   |
|--|---|
|  | This 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**

|  |   |
|--|---|
|  | This 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**

|             |  |
|-------------|--|
| Regulations | COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. |
|-------------|--|

**15.2 Chemical Safety Assessment**

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

**16. OTHER INFORMATION****Further information**

The information used in this SDS is believed to be correct however, the information is provided without any warranty, neither expressed nor implied, regarding its correctness.

The conditions or methods of handling, storage, use alone or in combination with other products, 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 SDS was prepared and is to be used only for this product. If the product is used as a component in or in combination with another product, this SDS information may not be applicable.