

Safety Data Sheet

According to Regulation (EU) 2015/830

IMPORTANT

Read this SDS 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 | ConnectED |
|--------------|-----------|

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; |
| 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 (8am – 5pm Monday to Friday) |
|----------------------------|--|

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

| | |
|--------------------------------------|---|
| 2.1.2. Classification - EC 1272/2008 | :EUH066; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Resp. Sens. 1: H334; STOT SE 3: H336; |
|--------------------------------------|---|

2.2 Label Elements

| | |
|-----------------------------------|--|
| Hazard Pictograms |  |
| Signal Word | Danger |
| Hazard Statement | EUH066 – Repeated exposure may cause skin dryness or cracking. Flam. Liq. 1:H224 – Extremely flammable liquid and vapour. Skin Irrit. 2: H315 – Causes skin irritation. Skin Sens. 1: H317 – May cause an allergic skin reaction. Eye Irrit. 2: H319 – Causes serious eye irritation. Resp. Sens. 1:H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled. STOT SE 3: H336 – May cause drowsiness or dizziness. |
| Precautionary Statement: Response | P304+P340 – IF INHALED: remove person to fresh air and keep comfortable for breathing. P305+P351+P9338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. |

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

3.2 Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | CONC. (%w/w) | Classification |
|---|--------------|-------------|-----------|---------------------------|--------------|--|
| Acetone | 606-001-00-8 | 67-64-1 | 200-662-2 | 01-211471330-49 | | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; |
| Bisphenol A glycerolate dimethacrylate | | 1565-94-2 | 216-367-7 | | | Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; |
| 4-MET | | 68183-31-3 | | | | Skin Irrit. 2: H315; Eye Irrit. 2: H319; |
| Triethylene Glycol Dimethacrylate | | 109-16-0 | 203-652-6 | 01-2119969287-21 | | Skin Sens. 1: H317; |
| (6-Methacryloxy) hexyl phosphonoacetate | | 141451-39-0 | | | | Skin Sens. 1: H317; Resp. Sens. 1: H334; |

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 | Do NOT induce vomiting. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|--------------|---|
| Inhalation | May cause irritation to mucous membranes. |
| Eye Contact | Causes serious eye irritation. |
| Skin contact | Causes skin irritation. May cause allergic skin reaction. |
| Ingestion | May cause irritation to mucous membranes. |

4.3 Indication of any immediate medical attention and special treatment needed

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

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| | If you feel unwell, seek medical advice (show the label where possible). |
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5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

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| | Use extinguishing media appropriate to the surrounding fire conditions. |
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5.2 Special hazards arising from the substance or mixture

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| | Burning produces irritating, toxic and obnoxious fumes. |
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5.3 Advice for firefighters

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|--|---|
| | Wear suitable respiratory equipment when necessary. |
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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

| | |
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| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
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6.2 Environmental precautions

| | |
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| | Do not allow product to enter drains. Prevent further spillage if safe. |
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6.3 Methods and material for containment and cleaning up

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| | Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
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6.4 Reference to other sections

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| | See section 13 for disposal information. See section 8 for exposure controls/personal protection. |
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7. HANDLING AND STORAGE
7.1 Precautions for safe handling

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| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
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7.2 Conditions for safe storage, including any incompatibilities

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| | Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store in original container. |
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7.3 Specific end use(S)

| | |
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| | See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information. |
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters
8.1.1 Exposure Limit Values

| | | | | |
|---------|---|------|---|------|
| Acetone | WEL 8-hr limit ppm: | 500 | WEL 8-hr limit mg/m3: | 1210 |
| | WEL 15 min limit ppm: | 1500 | WEL 15 min limit mg/m3: | 3620 |
| | WEL 8-hr limit mg/m3 total inhalable dust: | - | WEL 15 min limit mg/m3 total inhalable dust: | - |
| | WEL 8-hr limit mg/m3 total respirable dust: | - | WEL 15 min limit mg/m3 total respirable dust: | - |

8.2 Exposure controls

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8.2.1 Appropriate engineering controls

| | |
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| | Ensure adequate ventilation of the working area. |
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8.2.2 Individual protection measures

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| | Wear chemical protective clothing. |
| Eye/face protection | Approved safety goggles. |
| Skin protection – 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 | Liquid | Vapour pressure | Not applicable. |
| Colour | Yellow | Vapour density | Not applicable. |
| Odour | Characteristic | Relative density | No data available |
| Odour threshold | Not applicable. | Fat solubility | No data available |
| pH | No data available | 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 | -15°C | Oxidising properties | No data available |
| Evaporation rate | No data available | Solubility | Soluble in water |
| Flammability (solid, gas) | No data available | | |

9.2. Other information

| | |
|----------------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | Not applicable. |
| Benzene content | No data available |
| Lead content | No data available |
| VOC (Volatile organic compounds) | No data available |

10. STABILITY AND REACTIVITY

10.1 Reactivity

| | |
|--|--------------------|
| | No data available. |
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10.2 Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
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10.3 Possibility of hazardous reactions

| | |
|--|---------------------------------------|
| | No data is available on this product. |
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10.4 Conditions to avoid

| | |
|--|-----------------|
| | Heat. Moisture. |
|--|-----------------|

10.5 Incompatible materials

| | |
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| | Strong acids. Strong bases. |
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10.6 Hazardous decomposition products

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| | No data available. |
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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|-----------------------------------|--------------------------------------|
| Acute toxicity | No data available. |
| Skin corrosion/irritation | Causes skin irritation. |
| Serious eye damage/irritation | Causes serious eye irritation. |
| Respiratory of skin sensitisation | May cause an allergic skin reaction. |
| 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 | Irritating to respiratory system. |
| Repeated or prolonged exposure | Irritating to skin. |

11.1.4 Toxicological Information

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|-----------------------------------|---|---|
| Acetone | ORAL Rat LD50: >5800 mg/kg Inhalation Rat LC50/4 h: >76 mg/l | Dermal Rabbit LD50: >20000 mg/kg |
| Triethylene Glycol Dimethacrylate | Oral Rat LD50: 10837 mg/kg | |

12. ECOLOGICAL INFORMATION

12.1 Toxicity

| | | |
|-----------------------------------|--|---------------------------------------|
| Acetone | Daphnia EC50/48h: 18500.0000 mg/l Fish LC50/96h: 8300.0000 mg/l | Algae IC50/72h: 7200.0000 mg/l |
| Triethylene Glycol Dimethacrylate | Fish LC50/96h: 16.4000 mg/l | |

12.2 Persistence and degradability

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

12.3 Bio accumulative potential

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

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

12.4 Mobility in soil

| | |
|--|---------------------------------------|
| | No data is available on this product. |
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12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

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

13. DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods

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

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

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| | Do NOT reuse empty canisters. Empty containers can be sent for disposal or recycling. |
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14. TRANSPORT INFORMATION

Hazard pictograms

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|--|---|

14.1 UN number

| | |
|--|--------|
| | UN1090 |
|--|--------|

14.2 UN proper shipping name

| | |
|--|---------|
| | ACETONE |
|--|---------|

14.3 Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 3 |
| Subsidiary risk | - |
| IMDG | 3 |
| Subsidiary risk | - |
| IATA | 3 |
| Subsidiary risk | - |

14.4 Packing group

| | |
|---------------|----|
| Packing Group | II |
|---------------|----|

14.5 Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

ADR/RID

| | |
|-----------|----|
| Hazard ID | 33 |
|-----------|----|

| | |
|---------------------------------|---------|
| Tunnel category | (D/E) |
| IMDG | |
| EmS Code | F-E S-D |
| IATA | |
| Packing Instruction (Cargo) | 364 |
| Maximum quantity | 60 L |
| Packing instruction (Passenger) | 353 |
| Maximum quantity | 5 L |

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. |
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15.2 Chemical Safety Assessment

| | |
|--|--------------------|
| | No data available. |
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16. OTHER INFORMATION

Other information

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|--|---|
| Revision | This document differs from the previous version in the following areas: 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2- Precautionary Statement: Disposal. |
| Text of Hazard Statements in Section 3 | EUH066 – Repeated exposure may cause skin dryness or cracking. Flam. Liq. 2: H225 – Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Resp. Sens. 1: H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled. |

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.

This SDS is relevant for large quantities of product, the instructions for safe use of quantities typically used during a normal procedure is as referenced in the Instructions for Use.

The conditions or methods for handling, storage, lone use and/or in combination with other products and disposal are beyond our control.

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.