

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## GLASS CLEANER

Revision 1

Revision date 2019-03-15

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

#### 1.1. Product identifier

|              |               |
|--------------|---------------|
| Product name | GLASS CLEANER |
| Product code | BDC001/4      |

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

|             |          |
|-------------|----------|
| Description | Cleaner. |
|-------------|----------|

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

|                                       |   |
|---------------------------------------|---|
| Company                               | SEAL IT SERVICES LTD  |
| Address                               | T/A BOND IT<br>Unit G16 Riverbank Way,<br>Lowfields Business Park,<br>Elland,<br>West Yorkshire HX5 9DN |
| Web                                   | www.bond-it.co.uk   |
| Telephone                             | 01422 315300  |
| Fax                                   | 01422 315310  |
| Email                                 | sales@bond-it.co.uk   |
| Email address of the competent person | kayleighcox-nowak@bond-it.co.uk   |

#### 1.4. Emergency telephone number



|                            |   |
|----------------------------|---|
| Emergency telephone number | 01422 315300<br>8.30AM - 5.30PM Mon-Fri |
|----------------------------|---|

### SECTION 2: Hazards identification

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

|                                      |   |
|--------------------------------------|---|
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; Eye Irrit. 2: H319; |
|--------------------------------------|---|

#### 2.2. Label elements

|                                     |  |
|-------------------------------------|--|
| Hazard pictograms                   |    |
| Signal Word                         | Warning  |
| Hazard Statement                    | Flam. Liq. 3: H226 - Flammable liquid and vapour.<br>Eye Irrit. 2: H319 - Causes serious eye irritation.   |
| Precautionary Statement: Prevention | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233 - Keep container tightly closed.<br>P240 - Ground/bond container and receiving equipment.<br>P241 - Use explosion-proof electrical/ventilating/lighting// equipment. |

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## 2.2. Label elements

|                                      |   |
|--------------------------------------|---|
| Precautionary Statement:<br>Response | P242 - Use only non-sparking tools.   |
|                                      | P243 - Take precautionary measures against static discharge.  |
|                                      | P264 - Wash thoroughly after handling.  |
|                                      | P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
| Precautionary Statement:<br>Storage  | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
|                                      | P305+P351+P338 - 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.   |
|                                      | P370+P378 - In case of fire: Use to extinguish.   |
| Precautionary Statement:<br>Disposal | P403+P235 - Store in a well-ventilated place. Keep cool.  |
|                                      | P501 - Dispose of contents/container in accordance with national regulations  |

## 2.3. Other hazards

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

## SECTION 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   |
|--------------------------------|--------------|---------|-----------|---------------------------|--------------|--|
| Acetic acid ...% (Acetic acid) | 607-002-00-6 | 64-19-7 | 200-580-7 |                           | 0 - 0.5%     | Flam. Liq. 3: H226; Skin Corr. 1A: H314;                 |
| Isopropanol (Propan-2-ol)      | 603-117-00-0 | 67-63-0 | 200-661-7 |                           | 10 - 20%     | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; |
| Ethanol                        | 603-002-00-5 | 64-17-5 | 200-578-6 |                           | 0 - 0.5%     | Flam. Liq. 2: H225;                                      |

## SECTION 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  | May cause irritation to eyes.             |
| Skin contact | May cause irritation to skin.             |
| Ingestion    | May cause irritation to mucous membranes. |

## 4.3. Indication of any immediate medical attention and special treatment needed

|              |   |
|--------------|---|
| 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. |

## SECTION 5: Firefighting 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. |
|--|---|

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## 5.3. Advice for firefighters

|  |   |
|--|---|
|  | Wear suitable respiratory equipment when necessary. |
|--|---|

## SECTION 6: Accidental release measures

## 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 material for containment and cleaning up

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

## 6.4. Reference to other sections

|  |  |
|--|--|
|  | See section 13. Disposal Considerations for further information. See section 8. PPE for further information. |
|--|--|

## SECTION 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 correctly labelled containers. |
|--|--|

## 7.3. Specific end use(s)

|  |          |
|--|----------|
|  | Cleaner. |
|--|----------|

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

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

## 8.1.1. Exposure Limit Values

|                           |                            |      |                              |      |
|---------------------------|----------------------------|------|------------------------------|------|
| Ethanol                   | WEL 8-hr limit ppm:        | 1000 | WEL 8-hr limit mg/m3:        | 1920 |
|                           | WEL 15 min limit ppm:      | -    | WEL 15 min limit mg/m3:      | -    |
|                           | WEL 8-hr limit mg/m3 total | -    | WEL 15 min limit mg/m3 total | -    |
|                           | inhalable dust:            |      | inhalable dust:              |      |
|                           | WEL 8-hr limit mg/m3 total | -    | WEL 15 min limit mg/m3 total | -    |
| Isopropanol (Propan-2-ol) | respirable dust:           |      | respirable dust:             |      |
|                           | WEL 8-hr limit ppm:        | 400  | WEL 8-hr limit mg/m3:        | 999  |
|                           | WEL 15 min limit ppm:      | 500  | WEL 15 min limit mg/m3:      | 1250 |
|                           | WEL 8-hr limit mg/m3 total | -    | WEL 15 min limit mg/m3 total | -    |
|                           | inhalable dust:            |      | inhalable dust:              |      |
|                           | WEL 8-hr limit mg/m3 total | -    | WEL 15 min limit mg/m3 total | -    |
|                           | respirable dust:           |      | respirable dust:             |      |

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

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

## 8.2.2. Individual protection measures

|  |                           |
|--|---------------------------|
|  | Wear protective clothing. |
|--|---------------------------|

## Eye / face protection

|  |  |
|--|--|
|  | In case of splashing, wear:.. Approved safety goggles. |
|--|--|

## SECTION 9: Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

|                           |                   |
|---------------------------|-------------------|
| Appearance                | Liquid            |
| Colour                    | Blue              |
| Odour                     | Characteristic    |
| pH                        | 2 - 3             |
| Melting point             | No data available |
| Freezing Point            | No data available |
| Flash point               | 31 °C             |
| 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                | Soluble in water  |

## 9.2. Other information

|                 |                   |
|-----------------|-------------------|
| Conductivity    | No data available |
| Surface tension | No data available |
| Gas group       | No data available |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

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

## 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

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

## 10.5. Incompatible materials

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

## 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

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

## 11.1.4. Toxicological Information

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

## SECTION 12: Ecological information

## 12.1. Toxicity

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## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

GLASS CLEANER No data available

## 12.4. Mobility in soil

No data is available on this product.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Do NOT reuse empty containers.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1993

## 14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL)

## 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 III

## 14.5. Environmental hazards

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

## 14.6. Special precautions for user

No data is available on this product.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

## ADR/RID

|                 |       |
|-----------------|-------|
| Hazard ID       | 30    |
| Tunnel Category | (D/E) |

## IMDG

|          |         |
|----------|---------|
| EmS Code | F-E S-E |
|----------|---------|

## IATA

|                                 |       |
|---------------------------------|-------|
| Packing Instruction (Cargo)     | 366   |
| Maximum quantity                | 220 L |
| Packing Instruction (Passenger) | 355   |
| Maximum quantity                | 60 L  |

## Further information

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

## SECTION 15: Regulatory information

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

|             |   |
|-------------|---|
| Regulations | 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. |
|-------------|---|

## Further information

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

## SECTION 16: Other information

## Other information

|  |  |
|--|--|
| Revision                               | <p>This document differs from the previous version in the following areas:.</p> <p>2 - 2.1. Classification of the substance or mixture.</p> <p>2 - 2.1.2. Classification - EC 1272/2008.</p> <p>2 - Hazard pictograms.</p> <p>2 - Signal Word.</p> <p>2 - Precautionary Statement: Prevention.</p> <p>2 - Precautionary Statement: Response.</p> <p>2 - Precautionary Statement: Storage.</p> <p>2 - Precautionary Statement: Disposal.</p> <p>9 - 9.1. Information on basic physical and chemical properties (PH).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Flash point).</p> <p>14 - ADR/RID.</p> <p>14 - IMDG.</p> <p>14 - IATA.</p> <p>15 - Risk phrases.</p> |
| Text of Hazard Statements in Section 3 | <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p> <p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p>  |

## Further information

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## Further information

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.