

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

|     |   |  |
|-----|---|--|
| 1.1 | Product identifier  | Trade name: CURA Heat Activated Flux 350g<br>Part Number: 19260  |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Domestic central heating and potable water plumbing systems construction   |
| 1.3 | Details of the supplier of the safety data sheet                              | BES Ltd<br>Unit 12, Junct 6 Ind. Park<br>Electric Avenue<br>Birmingham<br>B6 7JJ<br>Telephone: 0121 322 6400<br>Email: lwilkins@bes.ltd.uk |
| 1.4 | Emergency telephone number  | 0845 880 60 50<br>Only available during office hours   |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

|       |  |   |
|-------|--|---|
| 2.1.1 | Classification according to regulation (EC) No 1272/2008 (CLP) | Warning; Eye Irrit 2: H319 Causes serious eye irritation. |
| 2.1.2 | Classification according to Directive 1995/45/EC               | NC Not Classified   |
| 2.1.3 | Additional information   | None  |

### 2.2 Label elements

#### 2.2.1 According to regulation (EC) 1272/2008 & 453/2010 (CLP)

|                          |   |
|--------------------------|---|
| Hazard pictograms        | <1>   |
| Signal words             | Warning   |
| Hazard statements        | H319 - Causes serious eye irritation.   |
| Precautionary statements | P264 - Wash hands thoroughly after handling.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337+P313 - If eye irritation persists: Get medical advice/attention. |

### 2.2.3 According to Article 25 of CLP

|                                       |      |
|---------------------------------------|------|
| Supplemental information on the label | None |
|---------------------------------------|------|

## SECTION 3: Composition/information on ingredients

|                             |
|-----------------------------|
| Product definition: Mixture |
|-----------------------------|

### 3.1 Substance

| Name | Index number in CLP Annex VI | Weight % |
|------|------------------------------|----------|
|      |                              |          |

### 3.2 Mixture

| CAS no     | EC No     | Index No     | %w/w | Name                   | (EC) No1272/2008 classification   |
|------------|-----------|--------------|------|------------------------|---|
| 68439-49-6 |           |              | <10% | Alcohol ethoxylate     |   |
|            |           | 035-002-01-8 | <10% | Hydrobromic acid...%** | Skin Corr. 1B: H314; STOT SE 3: H335                                      |
| 111-42-2   | 203-868-0 | 603-071-00-1 | <10% | 2,2'-Iminodiethanol**  | Acute Tox. 4: H302; STOT RE 2: H373; Skin Irrit 2: H315; Eye Dam. 1: H318 |
| 12124-97-9 | 235-183-8 |              | <10% | Amonium bromide        |   |

\*\* Substance with an exposure limit – see section 8

Additional information: For full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                                    |   |
|------------------------------------|---|
| Following inhalation               | May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.                             |
| Following skin contact             | May cause irritation to skin. Seek medical attention if irritation or symptoms persist. Wash with soap and water.   |
| Following 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. |
| Following ingestion                | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.   |
| Self-protection of the first aider | Wear protective clothing as detailed in section 8.  |

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

|                          |
|--------------------------|
| May cause eye irritation |
|--------------------------|

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

|  |
|--|
| If you feel unwell seek medical advice immediately |
|--|

## SECTION 5: Fire-fighting measures

|     |   |  |
|-----|---|--|
| 5.1 | Extinguishing media                                   | This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. |
| 5.2 | Special hazards arising from the substance or mixture | Burning produces irritating, toxic and obnoxious fumes.  |
| 5.3 | Advice for fire-fighters                              | Self contained breathing apparatus and full protective clothing must be worn in case of fire.      |

## SECTION 6: Accidental release measures

|     |   |  |
|-----|---|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Wear protective clothing as detailed in section 8.   |
| 6.2 | Environmental precautions   | Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body. |
| 6.3 | Methods and material for containment and cleaning up                | Absorb spillages into sand, earth or any suitable absorbent material. Wash spill area with soapy water.  |
| 6.4 | Reference to other sections   | Wear protective clothing as detailed in section 8.   |

## SECTION 7: Handling and storage



|     |  |   |
|-----|--|---|
| 7.1 | Precautions for safe handling                                | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.  |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in tightly closed original container in a dry, cool and well-ventilated place.<br>Keep away from freezing, store at temperature above 5°C |
| 7.3 | Specific end use(s)  | The identified uses for this product are detailed in Section 1.2  |

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| Substance            | Classification |
|----------------------|----------------|
| Hydrobromic acid...% | STOT SE 3      |
| 2,2'-Iminodiethanol  | STOT RE 2      |

### 8.2 Exposure controls

|       |                                  |   |  |
|-------|----------------------------------|---|--|
| 8.2.1 | Appropriate engineering controls | Avoid spilling, skin and eye contact.   |  |
| 8.2.2 | Personal protection              | <br>Goggles giving complete protection to eyes (EN166) | <br>Protective gloves (nitrile rubber) (EN374) |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|            |           |
|------------|-----------|
| Appearance | Paste     |
| Colour     | White     |
| Odour      | Odourless |
| pH         | 7         |

### 9.2 Other information

Flash Point over +200°C

## SECTION 10: Stability and reactivity

|      |                                    |   |
|------|------------------------------------|---|
| 10.1 | Reactivity                         | No information available  |
| 10.2 | Chemical stability                 | Stable under normal conditions of use and storage                   |
| 10.3 | Possibility of hazardous reactions | No information available  |
| 10.4 | Conditions to avoid                | Avoid excessive heat  |
| 10.5 | Incompatible materials             | None known  |
| 10.6 | Hazardous decomposition products   | May give off toxic fumes in a fire. Carbon monoxide. Carbon dioxide |

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

|              |                                 |
|--------------|---------------------------------|
| Ingestion    | May cause discomfort            |
| Inhalation   | No information available        |
| Skin contact | May irritate the skin           |
| Eye contact  | May cause irritation to the eye |

## SECTION 12: Ecological information

|      |                                   |  |
|------|-----------------------------------|--|
| 12.1 | Toxicity                          | No data is available   |
| 12.2 | Persistence and degradability     | Part of the mixture is biodegradable   |
| 12.3 | Bioaccumulative potential         | No information available   |
| 12.4 | Mobility in soil                  | No information available   |
| 12.5 | Result of PBT and vPvB assessment | This mixture does not contain any substances that are assessed to be a PBT or a vPvB |
| 12.6 | Other adverse effects             | No information available   |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

|  |
|--|
| Dispose of waste and residues in accordance with local authority regulations |
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### 13.2 European waste catalogue

|   |
|---|
| <p>Disposal of product: European Waste Catalogue 16 03 06<br/>Disposal of packaging: European Waste Catalogue 15 01 02</p> <p>Taking into consideration the local authority regulations, the spent container may be disposed of with household refuse providing it has been rinsed.</p> <p>Disposal of packaging as municipal waste (having been rinsed): European Waste Catalogue 20 01 39</p> |
|---|

**SECTION 14: Transport information**

|      |   |                                      |
|------|---|--------------------------------------|
| 14.1 | UN number   | Not classified                       |
| 14.2 | UN proper shipping name   | None                                 |
| 14.3 | Transport hazard classes  | None                                 |
| 14.4 | Packing group   | None                                 |
| 14.5 | Environmental hazards   | Not classified as a marine pollutant |
| 14.6 | Special precautions for user  | None                                 |
| 14.7 | Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable                       |

**SECTION 15: Regulatory information**

|      |  |  |
|------|--|--|
| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture | <p>National Regulations:<br/>Health and Safety at Work etc. Act 1974 (as amended).<br/>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.</p> <p>EU Regulations:<br/>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) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>None of the components listed in Annex XIV (SVHC) are present in the mixture</p> |
| 15.2 | Chemical Safety Assessment   | No chemical safety analysis has been carried out for this mixture by the supplier  |

## SECTION 16: Other information

Indication of changes: removal of directive 67/548/EEC & 1999/45/EC

Revised ANNEX II, from 1<sup>ST</sup> December 2010

Abbreviations and acronyms

|        |  |
|--------|--|
| ACLG   | Approved Classification and Labelling Guide                                      |
| CAS No | Chemical Abstracts Service Number  |
| CLP    | Classification Labelling Packaging Regulations (EC) No 1272/2008                 |
| EC No  | EINECS Number  |
| EINECS | European Inventory of Existing Commercial Substances                             |
| NC     | Not Classified   |
| PBT    | Persistent, Bioaccumulative and Toxic substance                                  |
| SDS    | Safety Data Sheet  |
| REACH  | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations |
| SVHC   | Substances of Very High Concern  |
| UN     | United Nations   |
| vPvB   | Very Persistent and Very Bioaccumulative   |

Relevant H-statements for pure substances listed in section 3

Text of classifications and hazard statements in full [1272/2008]

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

STOT SE 3: H335 - May cause respiratory irritation.

Acute Tox. 4: H302 - Harmful if swallowed.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

Skin Irrit. 2: H315 - Causes skin irritation.

Eye Dam. 1: H318 - Causes serious eye damage.

Conforms to BS6920 and is WRAS Approved for use on both hot and cold water systems, including installations carrying potable water.

Source of key data used to compile SDS:

Raw material suppliers' safety data sheets

Approved Classification and Labelling Guide (Sixth edition)

This information is based on the present state of our knowledge.