

## SAFETY DATA SHEET

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### 1 - IDENTIFICATION OF PRODUCT AND MANUFACTURER

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|---------------------------|--|
| 1.1 Trade Name:           | <b>Renex BC Plus</b>   |
| 1.2 Use of the substance: | Dry extinguishing powder   |
| 1.3 Manufacturer details: | Dafo Fomtec AB<br>Box 683<br>135 26 Tyresö, Sweden                                   |
| 1.4 e-mail:               | <a href="mailto:info@fomtec.com">info@fomtec.com</a>                                 |
| 1.5 Communication:        | Tel: +46 8 506 40500<br>Web site: <a href="http://www.fomtec.com">www.fomtec.com</a> |

### 2 - HAZARDS IDENTIFICATION

Preparation does not fall under the category of danger according to the directives 67/548/CEE, nor subsequent modifications.

Regulation 1907/2006 (REACH) and subsequent modifications/integrations.

### 3 - COMPOSITION / INFORMATION OF THE COMPONENTS

| <u>Components</u>          | <u>CAS-No</u> | <u>EINECS-No</u> | <u>Molecular formula</u>       | <u>Conc</u> |
|----------------------------|---------------|------------------|--------------------------------|-------------|
| Hydrated calcium carbonate | 1317-65-3     | 215-279-6        | CaCO <sub>3</sub>              | 78%         |
| Potassium sulphate         | 7778-80-5     | 231-915-5        | K <sub>2</sub> SO <sub>4</sub> | 20%         |

### 4 - FIRST AID MEASURES:

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|-------------------------|--|
| 4.1 General indication: | In case of accident or malaise, consult a doctor and in case of unconsciousness do not administrate anything by mouth. |
| 4.2 Contact with skin:  | Wash skin abundantly with water.<br>Take off contaminated clothings.   |
| 4.3 Contact with eyes:  | Wash eyes abundantly with water.<br>If necessary contact a doctor.   |
| 4.4 Ingestion:          | Consult a doctor and demonstrate the container or label of the product.  |
| 4.5 Inhalation:         | Take the subject to an open space.<br>If necessary consult a doctor.   |

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**5 - FIRE FIGHTING MEASURES**

- |                                      |   |
|--------------------------------------|---|
| 5.1 Means of appropriate extinction: | The product is neither flammable nor combustible.   |
| 5.2 Means of extinguishing to avoid: | Wash your eyes immediately and abundantly with water.<br>Consult a doctor if necessary.   |
| 5.3 Products of combustion:          | The product can release toxic gasses during combustion.   |
| 5.4 Special equipments:              | Use proper protective equipment with individual protection of the respiratory tract.<br>Work upwind to avoid exposing to smoke and vapours. |

**6 - ACCIDENTAL RELEASE MEASURES**

- |                              |   |
|------------------------------|---|
| 6.1 General information:     | Use suitable protective equipment, as indicated in section no. 8. |
| 6.2 Environment precautions: | Avoid dispersing to the environment.                              |
| 6.3 Methods of cleaning:     | Discard the waste product into a controlled dump.                 |

**7 - HANDLING AND STORAGE**

- |                   |   |
|-------------------|---|
| 7.1 Handling:     | This product does not present risks of acute irritation. It is all the same advisable to wear suitable protection features when handling it, as indicated in section no. 8. |
| 7.2 Storage:      | Store in covered environments, keep away from atmospheric agents, basically from moisture.  |
| 7.3 Special uses: | Not applicable.   |

**8 - EXPOSURE CONTROLS**

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|-----------------------------------|--|
| 8.1 Exposure limit values:        | Not determined.  |
| 8.2 Respiratory Protection:       | Do not breathe dust, use a suitable mask.                              |
| 8.3 Hand Protection:              | Use suitable gloves when handling the powder.                          |
| 8.4 Eyes Protection:              | Use protective glasses.  |
| 8.5 Skin Protection:              | Use gloves during use; avoid prolonged contact with skin.              |
| 8.6 General protection / hygiene: | Don't eat nor drink during use.<br>Keep away from foods and beverages. |

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**9 - CHEMICAL AND PHYSICAL PROPERTIES**

|                    |                            |
|--------------------|----------------------------|
| 9.1 Aspect:        | Crystalline solid          |
| 9.2 Odour:         | Odourless                  |
| 9.3 Colour:        | White                      |
| 9.4 pH:            | Ca. 8 (dispersion at 5%)   |
| 9.5 Melting point: | 170 - 190 °C               |
| 9.6 Boiling point: | Not applicable             |
| 9.7 Bulk density:  | Ca. 1,25 g/cm <sup>3</sup> |
| 9.8 Solubility:    | Not soluble                |

**10 - STABILITY AND REACTIVITY**

|                                      |  |
|--------------------------------------|--|
| 10.1 Stability:                      | This product is stable in standard condition.                              |
| 10.2 Conditions to avoid:            | Temperatures above 60 °C.  |
| 10.3 Materials to avoid:             | Acids, oxidizing substances and halogens.                                  |
| 10.4 Hazards decomposition products: | With decomposition (>1000 °C) it produces fumes of SO and K <sub>2</sub> O |
| 10.5 Other informations:             | None.  |

**11 - TOXICOLOGICAL INFORMATION**

|                           |                        |
|---------------------------|------------------------|
| 11.1 Oral acute toxicity: | DL50 (rat): 2000 mg/Kg |
|---------------------------|------------------------|

**12 - ECOLOGICAL INFORMATION**

|                         |                                      |
|-------------------------|--------------------------------------|
| 12.1 Acute ecotoxicity: | Avoid discharging to the environment |
| Biodegradability:       | Not toxic.<br>N.A.                   |

**13 - DISPOSAL CONSIDERATIONS**

|                                       |  |
|---------------------------------------|--|
| 13.1 Dispositions and considerations: | Code CER 160509. Handling of product: Check section no. 7.<br>Pick up the product and dispose in an authorized dump according to regulations in force. |
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**14 - TRANSPORT INFORMATION**

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|---------------------------------|--|
| 14.1 Road transport - ADR:      | Not subject to regulations on the transport. |
| 14.2 Maritime transport – INDG: | ---  |
| 14.3 Air transport – IATA:      | ---  |
| 14.4 Railway transport – RID:   | ---  |

**15 - REGULATORY INFORMATION**

- |                         |   |
|-------------------------|---|
| 15.1 Symbol of danger : | The product does not require labelling of danger. |
| 15.2 Contains:          | See section no. 3 of voice components.            |
| 15.3 Risk phrases:      | ---   |
| 15.4 Safety advice:     | S 61 Avoid discharging to the environment.        |

**16 - OTHER INFORMATIONS**

- 16.1 This product must be stored, handled and used according to the hygiene and security standards, and in conformity to the regulations in force.  
The information included in this safety data sheet are based on currently available data.  
In case of use of the product in anyway not conforming to the present cars or in any other process, the responsibility shall fall on the user.