



SAFETY DATA SHEET

Form n. PE-02

Rev. 3 of 21/10/09

1 - IDENTIFICATION OF PRODUCT AND MANUFACTURER

- 1.1 Trade Name: **BC-E POWDER STOP/FIRE**
1.2 Use of the substance: Dry extinguishing powder
1.3 Manufacturer details: MEGAVIT S.r.l.
Via Castelletti, 8 – Zona Artigianale
26037 San Giovanni in Croce (CR)
1.4 Tech competent: e-mail: tecnico@megavit.com
1.5 Communication: Tel. 0375/91275 r.a. fax 0375/91888
Web site: www.megavit.com
1.6 Emergency phone number: 0375/91275

2 - HAZARDS IDENTIFICATION

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

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

3 - COMPOSITION / INFORMATION OF THE COMPONENTS

<u>Components</u>	<u>n° CAS</u>	<u>n° Einecs</u>	<u>Molecular formula</u>	<u>Conc</u>
Sodium bicarbonate	144-55-8	205-633-8	NaHCO ₃	93%
Calcium carbonate	471-34-1	207-439-9	CaCO ₃	4%
Additives	---	---	---	---



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.
Take off contaminated clothings. |
| 4.3 Contact with eyes: | Wash eyes abundantly with water.
If necessary contact a doctor. |
| 4.4 Ingestion: | Consult a doctor and demonstrate the container or label of the product. S46 |
| 4.5 Inhalation: | Take the subject to an open space.
If necessary consult a doctor. S38 |

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5 - FIRE FIGHTING MEASURES

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| 5.1 Means of appropriate extinction: | Not applicable |
| 5.2 Means of extinguishing to avoid: | Not applicable |
| 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.
Work upwind to avoid exposing to smoke and vapours. |

6 - ACCIDENTAL RELEASE MEASURES

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| 6.1 General information: | Use a suitable protective equipment, as indicated in section n. 8. |
| 6.2 Environment precautions: | Avoid dispersing to the environment. S61 |
| 6.3 Methods of cleaning: | Discard the waste product into a controlled dump. S56. |

7 - HANDLING AND STORAGE

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| 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 n. 8. |
| 7.2 Storage: | Store in covered environments, keep away from atmospheric agents, basically from moisture. S8. |
| 7.3 Special uses: | Not applicable. |



8 - EXPOSURE CONTROLS

8.1 Exposure limit values:	Not determined.
8.2 Respiratory Protection:	Do not breathe dust, use a suitable mask. S22.
8.3 Hand Protection:	Use suitable gloves when handling the powder. S37
8.4 Eyes Protection:	Use protective glasses. S39
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.

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9 - CHEMICAL AND PHYSICAL PROPERTIES

9.1 Aspect:	Powder.
9.2 Odour:	Odourless.
9.3 Colour:	White.
9.4 pH:	Ca. 8.6 (dispersion at 5%).
9.5 Melting point:	270 °C.
9.6 Boiling point:	Not applicabile.
9.7 Bulk density:	Ca. 1 g/cm ³
9.8 Solubility:	96 g/l (T = 20 °C).

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:	None.
10.5 Other informations:	None.

11 - TOXICOLOGICAL INFORMATION

11.1 Oral acute toxicity:	DL50 (rat) 4220 mg/Kg
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12 - ECOLOGICAL INFORMATION

- 12.1 Acute ecotoxicity: L. Macrochirus LC₅₀: 8250 mg/l /96 h
Gambusia Affinis LC₅₀: 7550 mg/l /96 h
Daphnia magna CE₅₀: 2350 mg/l /48 h
- Biodegradability: Follow good working practices avoiding environment pollution.
- Circ.Min.San. n°15 of 01/04/1992

13 - DISPOSAL CONSIDERATIONS

- 13.1 Dispositions and considerations: Code CER 160509. Handling of product: Check section n. 7.
Dispose to an authorized collection point, in accordance with local regulations in force.

14 - TRANSPORT INFORMATION

- 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 n. 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 is 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.