
SAFETY DATA SHEET

SECTION 1 Identification of the substance or preparation and of the company/undertaking

1.1 Product and Company information

- Datasheet Number: 668277
- Product Name: FIRE EXTINGUISHING POWDER BC
- Product Part Number: 668277 (6 kg), 668301 (12 kg)

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

- Fire extinguishing powder

1.3 Details of the supplier of the safety data sheet

Head Office:

Wilhelmsen Ships Service AS
Strandveien 20, N1324 Lysaker,
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS
Willem Barentszstraat 50
3165AB Rotterdam
Telephone: +31 4877 777
Fax: +31 4877 888
The Netherlands

For quotations contact your local Customer Services

- Responsible person

Product HSE Manager, Tel.: +31 10 4877775
Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

1.4 Emergency telephone number

-ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+
44 1865 407333, CHEMTREC (800) 424 9300
American Chemistry Council +1 703 527 3887,
Greece +30 210 7793777Australia: +61 3 9630 0998
Giftinformasjonsentralen in Norway Tel.: +47 22591300
Wilhelmsen Ships Service Melbourne AUSTRALIA
Emergency 24hrs: +61 3 9630 0998

****FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES****

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Not Classified

2.2 Label elements

- Not applicable
- Risk Phrases
Not applicable
- Safety Phrases
Not applicable

SECTION 2 Hazards identification (....)**2.3 Other hazards**

- Appearance: powder, white, soluble in water
 - Odour: Odourless
 - Prolonged exposure may cause abrasive irritation of the eyes
 - The ingestion of significant quantities may cause gastro-intestinal disturbances
 - Prolonged exposure may cause abrasive irritation of the mucous membranes
-

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- sodium bicarbonate
 - Concentration: >90
 - CAS Number: 144-55-8
 - EC Number: 205-633-8
 - Symbols: -
 - R/H Phrases: -
 - Categories: -
 - CLP: Not Classified
-

SECTION 4 First aid measures**4.1 Description of first aid measures**

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
- Remove patient to fresh air
- Seek medical attention if irritation persists
- Never give anything by mouth to an unconscious person
- Give water or milk to drink
- When in doubt or symptoms persist, seek medical attention
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- When in doubt or symptoms persist, seek medical attention
- Wash affected area with plenty of soap and water (S28b)

4.2 Most important symptoms and effects, both acute and delayed

- No information available

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5 Fire-fighting measures**5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- Carbon oxides may be formed

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
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SECTION 6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8
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SECTION 6 Accidental release measures (....)

- Avoid raising dust
- 6.2 Environmental Precautions
- No special precautions are required for this product
- 6.3 Methods and material for containment and cleaning up
- Use vacuum cleaner to collect spilled material
 - Wash spill site with water and detergent
- 6.4 Reference to other sections
- None
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SECTION 7 Handling and storage

- 7.1 Precautions for safe handling
- The usual precautions for handling chemicals should be observed
 - Avoid contact with acid
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep only in the original container in a cool, well ventilated place (S3/9/49)
 - Do not store above 50 °C
- 7.3 Specific end use(s)
- Not applicable
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SECTION 8 Exposure controls/personal protection

- 8.1 Control parameters
- The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m³ (8hr TWA) total inhalable dust; 5 mg/m³ (8hr TWA) total respirable dust
- 8.2 Exposure controls
- If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
- 8.3 Occupational exposure controls



Goggles



Gloves



Suit



Respirator

- Wear suitable dustmask e.g. to BS 2091
 - Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
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SECTION 9 Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Odour: Odourless
 - Appearance: powder, white, soluble in water
 - pH ~ 8.5 at 5 % concentration
 - Vapour pressure - not known
 - Water solubility 96 g/l
 - Specific gravity 2.22 g/cm³
 - Density 500 - 1200 kg/m³
 - Non-combustible solid
 - decomposes @ 60 °C
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SECTION 9 Physical and chemical properties (....)

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from moist air or water

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) > 2000 mg/kg
- (sodium bicarbonate)

11.2 Contact with eyes

- Causes redness and irritation
- May cause pain

11.3 Contact with skin

- In cases of severe exposure, redness and irritation may develop

11.4 Ingestion

- No effects for small dosage. Large dose effects not known
- The ingestion of significant quantities may cause gastro-intestinal disturbances

11.5 Inhalation

- May cause irritation
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SECTION 12 Ecological information

12.1 Toxicity

- Presents little or no hazard to the aquatic environment
- EC50 (Daphnia magna) >2000 mg/l (48 hr)
- LC50 (fish) >7000 mg/l (96 hr)

12.2 Persistence and degradability

- Degrades by hydrolysis

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- Completely soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
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SECTION 12 Ecological information (....)

12.6 Other Adverse Effects

- Presents little or no hazard to the environment
-

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- EU Waste class: -
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN Number

- Not applicable

14.2 UN Proper Shipping Name

- Not applicable

14.3 Transport hazard class(es)

- Not applicable

14.4 Packing group

- Not applicable

14.5 Environmental hazards

- On available data, substance is not harmful to the environment

14.6 Special precautions for user

- No special precautions are required for this product

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

- Not applicable
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SECTION 15 Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

SECTION 16 Other information (....)

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

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