
SAFETY DATA SHEET

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

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

1.1 Product identifier

- Product Name: FIRE EXTINGUISHING POWDER ABC
- Product Part Number: 766987, 668258, 553651 (6 kg), 553685 (10 kg) 998258 (6 kg), 668293 (9 kg), 668319 (12 kg)

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

- Use of the substance/mixture:
- Fire extinguishing powder

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentszstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
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- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
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- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
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 - International 24hrs Emergency NCEC:+ 44 1865 407333
 - American Chemistry Council 24hrs +1 703 527 3887
 - American 24hrs Emergency CHEMTREC (800) 424 9300
 - Greece: Poisoning emergency center, +30 210 7793777
 - Norway: Poison information centre, +47 22591300
 - Sweden: Poison information centre, +46 08 33 12 31
 - China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
 - Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998
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 - The Netherlands: National Poisons Information Centre + 31 30 274 88 88
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Not classified as hazardous for users

SECTION 2 Hazards identification (....)

2.2 Label elements

- Hazard phrases
- Not applicable
- Precautionary Phrases

2.3 Other hazards

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

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- ammonium biphosphate
Concentration: 30-70
CAS Number: 7722-76-1
EC Number: 231-764-5
R/H Phrases: -
Symbols: -
Categories: -
- ammonium sulphate
Concentration: 30-70
CAS Number: 7783-20-2
EC Number: 231-984-1
R/H Phrases: -
Symbols: -
Categories: -

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

SECTION 4 First aid measures (....)

- 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
- Not applicable
- 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
 - 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
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry, well ventilated place
- 7.3 Specific end use(s)
- Contact supplier for further information
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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
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SECTION 8 Exposure controls/personal protection (....)



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

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: powder, pale yellow, soluble in water
- pH 4.5 at 5 % concentration
- Vapour pressure - not known
- decomposes
- @ 190 °C
- Water solubility ~350 g/l
- Density 1000 - 1300 kg/m³
- Non-combustible solid

9.2 Other information

- No information available

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 ammonia
- Decomposition products may include phosphorous compounds

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) 3000 mg/kg
- (ammoniumsulphate)

11.2 Contact with eyes

- May cause irritation

11.3 Contact with skin

SECTION 11 Toxicological information (....)

- 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

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

12.6 Other Adverse Effects

- Presents little or no hazard to the environment
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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

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Not classified as hazardous for transport

14.2 Environmental hazards

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

14.3 Special precautions for user

SECTION 14 Transport information (....)

- Not Classified

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

- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
 - DOT Proper Shipping Name: Not applicable
 - DOT Labels: Not applicable
 - Product RQ (lbs): 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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