



# Material Safety Data Sheet

According to 91/155 EEC

Printing date 31.01.2006

Reviewed on 31.01.2006

## 1 Identification of substance:

· **Product details:**

· **Trade name:** FUREX ABC 75

· **Article number:** 5174

· **Application of the substance / the preparation** fire extinguishing powder

· **Manufacturer/Supplier:**

CALDIC Deutschland Chemie B. V.  
Am Karlshof 10  
40231 Düsseldorf

Tel.: 0211/7346-0

· **Informing department:** Product safety department.

## 2 Composition/Data on components:

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with harmless additions.

· **Components:**

Ammoniumdihydrogenphosphat

> 70.00%

## 3 Hazards identification

· **Hazard designation:** void

· **Information pertaining to particular dangers for man and environment** void

· **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 4 First aid measures

· **After inhalation** Supply fresh air; consult doctor in case of symptoms.

· **After skin contact** Rinse with water. Remove any clothing soiled by the product.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing** In case of persistent symptoms consult doctor.

## 5 Fire fighting measures

· **Suitable extinguishing agents** Product doesn't burn.

· **Protective equipment:** No special measures required.

## 6 Accidental release measures

· **Person-related safety precautions:** Not required.

· **Measures for environmental protection:**

Do not allow to enter drainage system, surface or ground water.

Do not allow to enter the ground/soil.

· **Measures for cleaning/collecting:**

Dispose of contaminated material as waste according to item 13.

Send for recovery or disposal in suitable containers.

· **Additional information:** No dangerous materials are released.

GB

(Contd. on page 2)



# Material Safety Data Sheet

According to 91/155 EEC

Printing date 31.01.2006

Reviewed on 31.01.2006

Trade name: FUREX ABC 75

(Contd. of page 1)

## 7 Handling and storage

- **Handling**
- **Information for safe handling:**
  - Provide suction extractors if dust is formed.
  - Keep containers tightly sealed.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:**
  - Use only containers specifically permitted for this substance/product.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
  - Store under dry conditions.
  - Keep container tightly sealed.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
  - The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:** Protective gloves.
- **Material of gloves**
  - Rubber gloves
  - Strong gloves
  - Leather gloves
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Solid.
<b>Colour:</b>	Different according to colour
<b>Smell:</b>	Characteristic

### · Change in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

(Contd. on page 3)



# Material Safety Data Sheet

According to 91/155 EEC

Printing date 31.01.2006

Reviewed on 31.01.2006

**Trade name: FUREX ABC 75**

(Contd. of page 2)

· <b>Density</b>	Not determined
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix hydrophobated
· <b>Solvent content:</b> <b>Organic solvents:</b>	0.0 %
· <b>Solids content:</b>	100.0 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the eye:** Irritant effect possible.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information:

- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

## 13 Disposal considerations

- **Product:**
- **Recommendation** Disposal must be made according the local authority regulations.
- **European waste catalogue -**
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- None Required.
- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **Marine pollutant:** No

GB

(Contd. on page 4)



**Material Safety Data Sheet**  
According to 91/155 EEC

Printing date 31.01.2006

Reviewed on 31.01.2006

**Trade name: FUREX ABC 75**

(Contd. of page 3)

**15 Regulatory information****· Designation according to EC guidelines:**

*Observe the normal safety regulations when handling chemicals*

*The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).*

**· National regulations**

**· Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

**16 Other information:**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**· Department issuing data specification sheet:** *Environment protection department.*

**· Contact:** *CALDIC Deutschland Chemie B.V.*

GB