



Material Safety Data Sheet

According to 91/155 EEC

Printing date 28.02.2006

Reviewed on 05.03.2004

1 Identification of substance:

· **Product details:**

· **Trade name:** Furex D 37

· **Article number:** 2112

· **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**

fire extinguishing powder

alkali chloride (sodium chloride CAS.Nr.: 7647-14-5)

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

· **Components:** Void

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 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** Use fire fighting measures that suit the environment.

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

6 Accidental release measures

· **Person-related safety precautions:** Product forms slippery surface when combined with water.

· **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 28.02.2006

Reviewed on 05.03.2004

Trade name: Furex D 37

(Contd. of page 1)

7 Handling and storage

- **Handling**
- **Information for safe handling:**
No special measures required.
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:** None.

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:**

1303-96-4 Dinatriumtetraborat (< 50.00%)	
--	--

OEL	5 mg/m ³
-----	---------------------

- **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**
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**

Form:	Solid.
Colour:	White
Smell:	Odourless

- **Change in condition**
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

- **Flash point:** Not applicable

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

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

- **Density at 20°C** 1.978 g/cm³

- **Solubility in / Miscibility with**
Water: Insoluble
hydrophobated

(Contd. on page 3)



Material Safety Data Sheet

According to 91/155 EEC

Printing date 28.02.2006

Reviewed on 05.03.2004

Trade name: Furex D 37

(Contd. of page 2)

- | | |
|---------------------------|---------|
| · Solvent content: | |
| Organic solvents: | 0.0 % |
| · Solids content: | 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 skin:** Irritation possible
- **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:** -

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).

(Contd. on page 4)



Material Safety Data Sheet
According to 91/155 EEC

Printing date 28.02.2006

Reviewed on 05.03.2004

Trade name: Furex D 37

(Contd. of page 3)

- **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 GmbH & Co.KG

GB