

Safety data sheet
Safety data sheet according to 93/112/EG
Print date: 06/30/2004 edited on 06/05/2001

1. Identification of the substance/preparation and company

-Product information: Trade name FIRE EX 2000

Manufacturer/supplier:

TKW Armaturen GmbH

Donaustrasse 8

63452 Hanau

Germany

Phone: (+49) 6181-18066-0

2. Composition / information on ingredients

- Sodium alkylbenzene sulfonate

CAS no. description: 68411-30-3

- Polyethylene glycol

CAS no. description: 25322-68-3

3. Possible dangers

- none

4. First aid measures

- In case of contact with eyes or mucous membranes, rinse with plenty of water.

- After ingestion, consult a doctor.

5. Fire-fighting measures

- Suitable extinguishing media:

Product is not flammable.

6. Accidental release measures

- Environment protection measures:

- Biodegradable
- Clean-up method: Mechanically

7. Handling and storage

- Handling: No special measures required
- Storage: No special measures required

8. Exposure controls and personal safety gear

- Personal safety gear: not required
- General safety and hygiene measures: No special measures required
- Respiratory protection: not required
- Hand protection: not required
- Eye protection: recommended

9. Physical and chemical properties

- Form: solid
- Color: whitish
- Odor: mild

Change of physical state:

- Melting point approx. 60 C
- Density at 20 C 1,08 g/cm³
- Bulk density approx. 600kg/m³
- Viscosity:
- dynamic: at 20 C 205-350 mPa s

Höppler (50% water)

Solubility in miscibility with

- water: at 20 C 500g/l
- pH value: (20g/l) at 20 C 5-7

10. Stability and reactivity

- Thermal decomposition/conditions to be avoided:
- No decomposition in the application area
- Dangerous reactions: none

11. Toxicological information

- LD 50 (oral. rat): 2175mg/kg
- Skin: no irritant effect
- Eyes: minor irritant effect
- Other field observations:

No harmful effects are known

12. Ecological information

- Biodegradability

Meets the legal requirements of the German detergent law when used properly according to the OCED method.

13. Disposal considerations

- Product:
- Recommendation

In accordance with local regulations, e.g. take to a waste disposal plant.

14. Transportation regulations

Not hazardous material according to the transport regulations

15. Regulations

- Labelling according to EEC directives:

The product is not required to be labelled according to EEC directives/Ordinance on Hazardous Substances.

- National regulations:

- German regulation on Combustible Liquids (VbF): --

Water hazard class 1 (self-assessment): generally not hazardous to water.

16. Other information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal agreement.