

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Netzmittel Fire-Ex Feststoffkartusche

Print date: 22.08.2012

Product code: 107670

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

1.1. Product identifier

Netzmittel Fire-Ex Feststoffkartusche

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

Use of the substance/mixture

Surfactant for fire extinguishing use

1.3. Details of the supplier of the safety data sheet

Company name:	AWG Fittings GmbH	
Street:	Lederstraße 30-36	
Place:	D-89531 Giengen / Brenz	
Post-office box:	1660	
	D Giengen / Brenz	
Telephone:	07322 145-0	Telefax: 07322 145-290
e-mail:	info@awg-fittings.com	
Internet:	www.awg-fittings.com	

1.4. Emergency telephone:

07322 145-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Indications of danger : Irritant
R-phrases:
Irritating to skin.
Risk of serious damage to eyes.

2.2. Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

R phrases

38	Irritating to skin.
41	Risk of serious damage to eyes.

S phrases

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
39	Wear eye/face protection.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture based on anionic surfactants and Polyglycoether

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
932-051-8	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid	30 - 35 %
	Xi R38-41	
	Skin Irrit. 2, Eye Dam. 1; H318 H315	
01-2119565112-48		

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off immediately all contaminated clothing. Consult physician if problems persist.

After inhalation

under normal conditions not applicable

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

If swallowed, immediately drink: Water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.

5.2. Special hazards arising from the substance or mixture

In case of incomplete burning carbon monoxide can be developed

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use a water spray jet to knock down vapours/gases/mists. Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eye and clothing. Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically. Treat the assimilated material according to the section on waste disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container dry. Keep container tightly closed.

Advice on storage compatibility

No special precautionary measures are necessary.

Further information on storage conditions

store cool and dry

7.3. Specific end use(s)

Surfactant for fire extinguishing use

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Protective and hygiene measures

Take off immediately all contaminated clothing. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink. Wash hands before breaks and at the end of work.

Respiratory protection

No special measures necessary.

Hand protection

Suitable material:

Butyl rubber.

penetration time (maximum wearing period): \geq 480 minThickness of glove material: \geq 0,7 mm

NBR (Nitrile rubber).

penetration time (maximum wearing period): \geq 30 minThickness of glove material: \geq 0,4 mm

The choice of suitable protective gloves should be made in cooperation with the glove manufacturer.

Eye protection

Tightly sealed safety glasses.

Skin protection

No special measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

solid

Colour:

white

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Odour: characteristic

Test method

pH-Value (at 20 °C): ca. 8

Changes in the physical state

Melting point: ca. 50 °C

Boiling point: not determined

Softening point: not determined

Flash point: not determined

Explosive properties

not Explosive.

Lower explosion limits: not determined

Upper explosion limits: not determined

Oxidizing properties

als Feststoff combustible. Jedoch nicht Oxidizing

Vapour pressure: not determined

Density: not determined

Water solubility: easily soluble.

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions

No dangerous reaction known

10.4. Conditions to avoid

Stable under normal conditions

Heat

10.6. Hazardous decomposition products

no dangerous decomposition products known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data available for the product

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid				
	oral	LD50 mg/kg	>2000	Rat.	OECD 401
	dermal	LD50 mg/kg	>2000	Rat.	OECD 402

Irritation and corrosivity

Irritating to eyes. Risk of serious damage to eyes. After skin contact: irritant.

Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the

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Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

No data available for the product

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid					
	Acute fish toxicity	LC50	>1-10 mg/l	96	Cyprinus carpio (Carp)	OECD 203
	Acute algae toxicity	ErC50 mg/l	> 10 - 100	72	Scenedesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50	>1-10 mg/l	48	Daphnia magna	OECD 202

12.2. Persistence and degradability

The surfactants contained in this preparation comply with the conditions of the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

12.3. Bioaccumulative potential

not determined

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid	0,7

Further information

Do not empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors
Classified as hazardous waste.

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
Classified as hazardous waste.

Contaminated packaging

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

SECTION 14: Transport information

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Land transport (ADR/RID)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

Changes

section: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16

Full text of R-phrases referred to under sections 2 and 3

38 Irritating to skin.
41 Risk of serious damage to eyes.

Full text of H-Statements referred to under sections 2 and 3

H315 Causes skin irritation.
H318 Causes serious eye damage.

Further Information

The information rests on the today's state of our knowledge and experiences and should describe our products in view of security requirements. They have by no means the meaning of an assurance of certain qualities and state. A liability for damages in connection with the use of this information is excluded. Existing laws and regulations are to be followed by the receiver of our products in own responsibility.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)