

**1 IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY**

Trade name : MIXOL N

Manufacturer/Supplier : Lautsprecher- und Lichtanlagen  
Versandhandel

Informing department

Inh.: Markus Grimm  
Provinzialstraße 40  
53659 Niederkassel  
Tel.: 0228 / 454058  
Fax: 0228 / 453951**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Characterization : Foam concentrate based on surface active agents

Contains	Designation	CAS-No.	Contents	R phrases
	2-(2-Butoxyethoxy)-ethanol	112-34-6	15-20 %	38
	Hydrocarbon surfactants	Trade secret	> 40 %	36/38
	Total 30 components related to active matter		> 20 %	

**3 POSSIBLE HAZARDS**Particular hazards on man  
and environment: Irritates eyes. Repeated or enduring skin contact may have a  
dehydrating effect.

Note when spraying individuals that breathing in the foam is impossible.

**4. FIRST AID MEASURES**

Eye contact

: Rinse thoroughly with running water.  
Seek medical advice upon persisting symptoms.

Skin contact

: Rinse well with water.

Ingestion

: Seek medical advice if symptoms occur. Do not induce  
vomiting ( possible danger of suffocation due to formation of foam )

Inhalation

: Supply fresh air. Seek medical advice if symptoms occur.

**5 FIRE-FIGHTING MEASURES**

No combustible material

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**6. ACCIDENTAL RELEASE MEASURES**

Person-related safety precautions : Supply fresh air in enclosed spaces.  
Avoid eye and skin contact

Measures for environmental protection : When practising avoid penetration  
of aqueous systems, sewage systems and ground.

Measures for cleaning/collecting : Absorb with liquid-binding material  
( sand, sawdust or universal binders ).

**7 HANDLING AND STORAGE**

Handling :  
Information for safe handling : Keep container closed.  
Information on explosion and fire protection : N/A

Storage :  
Requirements to be met by store rooms  
and containers : Observe regulations applicable for products classified as  
water hazard class 2 ( national regulation ).

Information on combined storage : None  
Further information on storage conditions : None

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components with critical values requiring monitoring at workplace

Personal protective equipment

Respiratory Protection : Not required upon appropriate use.

Hand Protection : PVC or rubber gloves.

Eye Protection : Goggles / face protection recommended.

General protective and hygienic measures : Remove contaminated clothing. Keep away from food and  
beverages. Wash hands before breaks and after work.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : Liquid  
 Colour : Clear  
 Odour : Specific

pH-value undiluted at 20°C : 8,5 - 8,5

Change in condition	Value/Range	Unit	Method
Pour-point	: appr. - 5	°C	DIN 51758
Boiling point/range	: appr. 100	°C	
Flashpoint	: > 100	°C	

Explosive properties : not explosive

Density	at 20°C	: appr. 1,02	g/cm³	DIN 12793
Viscosity	at 20°C	: max. 20	mm²/sec	
Water solubility		: soluble		

**10. STABILITY AND REACTIVITY**

Thermal decomposition conditions to avoid : No decomposition upon appropriate use.

Hazardous decomposition products : None known

**11. TOXICOLOGICAL INFORMATION**

Primary irritant effect  
 Skin contact :  
 Eye contact : Irritant

**12. ECOLOGICAL INFORMATION**

Information on elimination : The product is ready bio-degradable.

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### 13. DISPOSAL CONSIDERATIONS

**Product :**

**Recommendation** : There are no standardized EU regulations on disposal of fire extinguishing foam concentrates available. Dispose of according to local regulations.

**Uncleaned packaging** : Disposal according to local official regulations.

**European Waste Code** : 070808

### 14. TRANSPORT INFORMATION

Land transport : none  
 Sea transport : none  
 Air transport : none  
 By mail : permitted

### 15 REGULATORY INFORMATION

**Designation according to EC directives** : Irritant

**Hazard designation and identification** : XI

**R-phrases** : 36 Irritates eyes

**S-phrases** : 24/25 Avoid eye and skin contact

**National regulations**

**Water hazard class ( WGK )** : 2 ( KBwS classification )

### 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.