



Herstellung · Verkauf · Vermietung
Ton · Licht · Effekte · MBN Schaummaschinen
MBN Airman · MBN Fire Effect

manufacturing · sales · rental
sound · light · effects · MBN Foam Machines
MBN Airman · MBN Fire Effect

Dear Ladies and Gentlemen,

enclosed you will receive the EC-safety datasheet for the MBN foamfluid.

Please note that the data declared in the data sheet concern the concentrate, not watered down.

The ratio is 1-2 litres concentrate per 100 litres of water. One liter of foamfluid (1l water with 0,01 – 0,02 l concentrate) produces 1-2 m³ foam. Therefore one m³ foam contains a maximum of 0,02 l concentrate.

The EC-safety datasheet can be produced together with this writing to your local authorities, the office for environmental protection or the town clerk's office, as far as necessary in your region.

For further questions the authority in charge can also contact MBN.

The MBN foamfluid was tested dermatologically (*proDERM* Institut for applied dermatological research GmbH, Priv.Doz. Dr. med. Klaus-Peter Wilhelm and Dr. med. Walter Wigger-Alberti) and was judged with the result: very well tolerable on skin.

Further we confirm hereby, that MBN distributes the foamfluid and the foam generators since 1995 world wide and that at several thousand foam events up to our knowledge no damage has occurred on skin or mucous membranes.

With best regards,

MBN Eventproducts GmbH

Bernd Menrad
Managing Director



MBN
EVENTPRODUCTS
MBN Eventproducts GmbH
Engelschalkstraße 5 · D-86316 Friedberg
Tel. +49 821 600 99-0 · Fax +49 821 600 99-99
E-Mail: info@mbngermany.de
Internet: www.mbngermany.de

1. Substance-/Ingredient- and Manufacturer Declaration

Trade Name : MBN Foamfluid

Distributor : MBN Eventproducts GmbH
Engelschalkstraße 5
D-86316 Friedberg - Germany
Tel. +49 821 60099-0 - Fax +49 821 60099-99

2. Ingredience/Description of Components

concerns concentrate !

Chemical Characteristics : Foam fluid based on detergents

Contents

Chemical indication	CAS-Nr.	Content	R notes
2-(2. Butoxyetoxy)ethanol	112-34-5	15-20 %	36
synthetic tensides	factory secret	>40 %	36/38
sum of Xi components		>20 %	

applied on active substance:

3. Possible Dangers

concerns concentrate!

Special Dangers for Humans and Environment : Eye irritating
Repeated or prolonged contact can lead to skin degreasing

By splashing at persons, detraction of breathing can occur (concerns foam).

4. First Aid Measures

concerns concentrate!

After Eye Contact : Rinse thoroughly by opened eye lid with clear water. By continous trouble, consult medical aid.

After Skin Contact : Rinse with clear water

When Swallowed : Consult medical aid, do not enforce vomiting (may lead to stuffication from foam).

When Breathed in : Leave exposition, if necessary consult medical aid.

5. Measures for Fire Fighting

Product is not flammable.

Trade Name : MBN Foamfluid

6. Measures for unintended Release **concerns concentrate!**

Precautions regarding Persons : Avoid skin and eye contact. Ensure good ventilation in closed rooms.

Measures for Environmental Protection : Rinse rather small amounts using lots of water in the sewerage system, leading to a biologic sewage plant. Larger amounts should be treated as described in point 13. Avoid fluid getting into surface inshore waters and ground water level.

Procedures for purification and Absorption : Use fluid binding materials (i.e. sand, wood shavings or chemical binders).

7. Handling and Storing **concerns concentrate!**

Notice for
 -safe handling : Keep container closed
 -fire- a. explosion protection : does not apply

Requirements for Warehouses and containers : Please follow regulations valid for for WGK 2

Measures for storing with other goods : none

Further instructions for stocking conditions : none

8. Expositionsrestrictionand personal safety devices **concerns concentrate!**

Components with limits to be observed at place of work

Personal Protection

Breathing Protection : not necessary when used correctly

Hand Protection : PVC or rubber gloves are recommended

Eye Protection : safety glasses / face mask recommended

Instructions for working hygiene : change moisted clothing, avoid contact with food, beverages and animal feed. Wash hands before taking a break and at end of work.

Trade Name : MBN Foamfluid

9. Physical and chemical characteristics **concerns concentrate!**

Form : Fluid

Colour : As per colouring

Odour : Specific

pH Value not watered down at 20°C: 6,5 - 8,5

Changing of state	value/range	unit	method
solidification point	: ca. -5	°C	
boiling point/range	: ca. 100	°C	
ignition point	: > 100	°C	DIN 51758

Danger of explosion : No danger of explosion for this product

Density	at 20°C : ca. 1,02	g/cm ³	DIN 12793
Viscosity	at 20°C : max. 20	mm ² /sec	DIN 51562
Solubility in water	: unlimited		

10. Stability and Reaction **concerns concentrate!**

Thermic decomposition conditions to be avoided : No decomposition at correct use

Dangerous decomposition products : No dangerous decomposition products known

11. Instructions regarding Toxicology **concerns concentrate!**

Primary irritation effect

For Skin : ---
For Eyes : Irritation

12. Instructions for Ecology **concerns concentrate!**

Instructions for Elimination : The foam fluid is biological easily decomposable

Trade Name : MBN Foamfluid

13. Notice for Disposal

concerns concentrate!

Product : There are no standardized regulations for waste management regarding foam fluids in the EC. As a rule these are specific waste. The disposal is regulated by according laws and respectively legal requirements of the EC members as well as the states in the Federal Republic of Germany. Please contact responsible authorities or waste management business for disposal information.

Disposal Code : 070608

Uncleaned Packing : Disposal as per official regulations

14. Transport Regulations

concerns concentrate!

Does not apply.

15. Regulations

concerns concentrate!

Marking according to EC-Regulations : Irritating

Danger Symbol

R-Clauses : 36 eye irritating

S-Clauses : 24 avoid eye and skin contact

German Regulations : Water endangering class 2 (KBwS-classification)

16. Further Notes

concerns concentrate!

The product described in the data sheet may only be used for the intended purposes. Notices are as per today's knowledge and are meant to describe the product accordingly to the safety regulations. They are no guarantee for product characteristics and do not justify a legal position.

01.08.2001
