

SAFETY DATA SHEET ACCORDING TO 1907 / 2006 / EG

TRADE NAME: FOG FLUID

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Trade name: FOG FLUID
Registration number: Not applicable
Relevant identified uses of the Mixture and uses advised against: Not applicable
Application of the mixture: Fog and smoke simulation

Details of the supplier of the safety data sheet

Manufacturer / Supplier: MAGIC FX B.V.
Schouwrooij 27
5281 RE Boxtel, THE NETHERLANDS
Tel.: ++31-(0)411635013
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Homepage: www.magicfx.eu
E-Mail: info@magicfx.eu

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification of the mixture Classification according to Regulation (EC) No 1272/2008: The mixture is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or 1999/45/EC: Void

Information concerning particular Hazards for human and environment: Void

LABEL ELEMENTS

Labelling according to Regulation (EC) No 1272/2008

Void

Hazard pictograms

Void

Signal word

Hazard Statements	Void
Other hazards	Void
Results of PBT and vPvB assessment	---
	PBT: Not applicable
	vPvB: Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of higher polyalcohols, AQUA BIDEEST

Hazardous ingredients: Product may contain:

EG-Nr.	CAS-Nr.	Description	Content	Classification
203-872-2	111-46-6	2,2'-Oxydiethanol; Diethylenglykol	< 25%	Xn - R22

See Section 16 for the exact description of the R-phrases

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

General information:	No special measures required.
After inhalation:	Supply fresh air; consult doctor in case of symptoms.
After skin contact:	Wash with soap and water. Remove contaminated clothing.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed	No further relevant information available.
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing agents: Use firefighting measures that suit the environment

For safety reasons unsuitable extinguishing agents: None.

Special hazards arising from the substance or mixture: Carbon monoxide (CO) and Carbon dioxide (CO₂)

ADVICE FOR FIREFIGHTERS

Protective equipment: Do not inhale explosion gases or combustion gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: Do not allow product to reach sewage system or water bodies.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders)

Reference to other sections: See Section 8 for information on personal protection equipment

SECTION 7: HANDLING AND STORAGE**HANDLING**

Precautions for safe handling: No special measures required.

Information about protection against explosions and fires: No special measures required.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**STORAGE**

Requirements to be met by storerooms and containers: Observe all local and national regulations for storage of water polluting products.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

CONTROL PARAMETERS

Components with critical values that require monitoring at the workplace:

Product may contain:

CAS-Nr.	Description	ml/m3	mg/m3	max. limit - category
111-46-6	2,2'-Oxydiethanol, Diethylenglykol	10	44	4(l)

Additional information: The lists that were valid during the compilation were used as basis.

EXPOSURE CONTROLS

Personal protective equipment / General protective and hygienic measures

Breathing equipment: ----
Protection of hands: ----
Eye protection: ----
Protection of body: ----

Remove contaminated clothing. Wash hands after work. Do not eat, drink or smoke during work.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form: Liquid
Colour: Clear, colourless
Smell: Odourless
pH-value: 6-8

Change in condition:

Boiling point: > 100° C
Flash point: Not available.
Ignition temperature: Not available.
Danger of explosion: Product is not explosive

Critical values for explosion: Lower: -
Upper: -

Density (20° C): : 1,04 - 1,10 g / cm³
Solubility in water (20° C): fully miscible
Viscosity: low viscosity
Other information: No further information available.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further information available

Incompatible materials: Strong oxidizing agents and alkaline materials

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity: The product has not been tested on animals.

Primary irritant effect:

On the skin: No irritand effect.

On the eye: No irritand effect.

Sensitization: No sensitizing effect known.

Additional toxicological information: ----

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

Aquatic toxicity: No further relevant information available.

Persistence and degradability: The product is not classified as harmful to the environment.
In accordance with OECD 301E / EEC 84/449 C3 biodegradable.

BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

Bioaccumulative potential: No

Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Water hazard class 1: slightly hazardous for water

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Recommendation: Disposal must be made according to official regulations.
European waste catalogue: Waste disposal key numbers from EWC have to be assigned depending on origin
And processing

UNCLEANED PACKAGINGS

Recommendations: Disposal must be made according to official regulations.
Recommendet cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: TRANSPORT INFORMATION

UN-Number
ADR, ADN, IMDG, IATA Void

UN proper shipping name
ADR, ADN, IMDG, IATA Void

Transport hazard classes
ADR, ADN, IMDG, IATA
Class Void

Packing group
ADR, IMDG, IATA Void

Special precautions for user Not applicable

Transport in bulk according to
Annex II of MARPOL73/78 and
the IBC code Not applicable

Transport/Additional information: Not dangerous according to the above specifications

UN "Model Regulation": ---

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substances or mixture
Labelling according to Regulation (EC) No 1272/2008
Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

National regulations
Decree to be applied in case of technical fault:

Water hazard class: ----
Water hazard class 1 (slightly hazardous for water)

SECTION 16. OTHER INFORMATION

Department issuing MSDS: Management
In Section 3 mentioned R-phrases: 22 - Harmful if swallowed

Exposure scenario: The product has to be deployed appropriately in its as-delivered condition. The event site regulations as well as the corresponding legislation must be adhered to. Considering the range of vision and the desired effect, the smoke fluid can be dispensed into the air in measurements between 25 and a maximum of 80 mg/m³. It is particularly important to measure out the smoke fluid so as to ensure that all exits and emergency exits are still visible. This also goes for the illumination of escape routes, their markings, stairs, shafts, edges, etc.

A range of vision of 25 m (maximum distance from the nearest exit according to event site regulations) must be maintained.
Furthermore, it is necessary to measure out the thickness of the smoke in the air so that the well-being of the people in the room can be guaranteed.
In order to avoid anxiety, the room where the smoke is being used should never be sealed.
According to event site regulations, the operation and maintenance of technical equipment should only be dealt with by experienced and reliable adults.
Every room where there is smoke must be supervised by trained personnel.
Never drink or inhale the liquid and never apply it to your body!
Keep out of the reach of children and store it in a place they cannot reach.
If the product comes into contact with your skin or eyes, rinse with plenty of water.

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.