

MATERIAL SAFETY DATA SHEET

CONFIRMS TO DIRECTIVE 1907/2006/EC
Version: 1.0

NAME: HAZE-FLUID (WATER-BASED)

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

- 1.1 **Product identifier**
Trade Name: MFX3061 - Haze-Fluid (water-based)
- 1.2 **Relevant identified uses of the mixture and uses advised against**
Relevant identified use: Fog and smoke simulation.
Uses advised against: Please consult manufacturer.
- 1.3 **Details of the supplier of the material safety data sheet**
Company identification:
Company: Magic FX B.V.
Address: Schouwrooij 27
NL-5281 RE Boxtel
Telephone: +31 (0)411-748100
E-mail: info@magicfx.eu
Web: www.magicfx.eu
- 1.4 **In case of emergency (ICE)**
Telephone: +31 (0)6 5130 3858

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 **Classification of the substance or mixture**
CLP Regulation (EC) n° 1272/2008: The mixture is not classified according to the CLP regulation.
- 2.2 **Label elements**
None
- 2.3 **Other hazards**
None

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 Ingredients

Identification		Chemical name / Classification		Concentration
CAS:	Non-applicable	Mixture of higher polyalcohols	Not-classified	Unknown
EC: Index: REACH:		Regulation 1272/2008	-	
CAS:	Non-applicable	Aqua bidest	Not-classified	Unknown
EC: Index: REACH:		Regulation 1272/2008	-	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

In all cases, after cleaning, medical advice should be consulted as quickly as possible with the MSDS.

Intoxication

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, consult medical attention for direct exposure to the chemical product or persistent discomfort.

Inhalation

This product does not contain substances classified as dangerous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Consult medical advice if the symptoms get worse or persist.

Skin contact

In case of contact it is recommended to remove contaminated clothing and clean the affected area thoroughly with water and neutral soap. In case of modifications on the skin (stinging, redness, ashes, blisters,...), consult medical advice with the MSDS.

Eye contact

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. Consult medical advice with the MSDS.

Ingestion

In case of consumption, consult immediate medical assistance showing the MSDS.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing methods

Suitable extinguishing methods

Cool down containers exposed to fire by spraying them with water.

Unsuitable extinguishing media

None.

Advice for firefighters

None.

Particular risks:

Do not inhale explosion gases or combustion gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

See section 8.

6.2 Environmental precautions

Avoid spillage into an aqueous medium as it contains substances potentially dangerous for this. Contain the product absorbed in hermetically sealed containers. In the case of serious spillage into an aqueous medium notify the relevant authority.

6.3 Methods and material for containment and cleaning up

It is recommended: Absorb the spillage using sand or absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections

Refer to Section 13 for disposal of product and contaminated materials.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

7.2 Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

7.3 Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

- 7.4 **Technical recommendations to prevent environmental risks**
It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)
- 7.5 **Conditions for safe storage, including any incompatibilities**
- Technical measures for storage**
There are no specific technical measures for storage.
- General conditions for storage**
Avoid sources of heat, radiation, static electricity and contact with food.
- 7.6 **Specific end use(s)**
Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

There is no control of exposure or personal protection required to use this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Information on basic physical and chemical properties**
- | | |
|----------------------------|-------------------------------|
| Physical state at 20 °C: | Liquid |
| Appearance: | Transparent |
| Odor: | None |
| Boiling point: | 100°C |
| Flashing point: | Non-flammable (>60°C) |
| pH: | 6 – 8 |
| Density at 20°C: | 1,04 – 1,10 g/cm ³ |
| Water solubility: | Completely miscible |
| Viscosity: | Low |
| Auto ignition temperature: | None |

SECTION 10: STABILITY AND REACTIVITY

- 10.1 **Packaging**
Plastic containers.
- 10.2 **Dangerous reactions**
None.
- 10.3 **Dangerous decomposition product**
None.

SECTION 11: TOXICOLOGICAL INFORMATION

The product is not classified as toxic.

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

There are no disposal considerations necessary.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA, ICAO).

SECTION 15: REGULATORY INFORMATION

The classification of this preparation has been carried out in conformance with the <All Preparations> directive. It has also taken into account directive 2001/59/EC relating to the 28th adaptation of directive 67/548/EC (Dangerous Substances).

Classification of the preparation:	Not applicable.
Content of the Preparation:	Not applicable.
Particular dispositions:	None.
Table of occupational diseases set out in article R, 461-3 of the Employment Code:	Not applicable.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms:

- ADR: European agreement concerning the international carriage of dangerous goods by road
- IMDG: International maritime dangerous goods code
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- COD: Chemical Oxygen Demand
- BOD5: 5-day biochemical oxygen demand

Additional safety requirements:

- 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.
- 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.

The information contained in this MSDS is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this security data sheet only refers to this product, which should not be used for needs other than those specified.