



Safety Data Sheet

Smoke Fluid By Gear4Music

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier:

Name: FF-1000L, FF-1000D, FF-1000M, FF-5000L, FF-5000M, FF-5000D By Gear4music

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

For use with an appropriate fog/smoke machine to create visual effects.

1.3. Details of the supplier of the safety data sheet:

Gear4Music Ltd
Kettlestring Lane
Clifton Moor
York
YO30 4XF
United Kingdom
Telephone: +44(0) 843 515 0600
Email: info@gear4music.com

2. Hazards identification

2.1. Classification of the substance or mixture:

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. No risk or safety phrases stipulated

2.2. Label Elements:

Label name: FF-1000L, FF-1000D, FF-5000L, FF-5000D By Gear4music

Hazard pictograms: n/a

Signal words: n/a

Hazard statements: n/a

Precautionary statements: n/a

Additional labelling:

"Do not drink. Keep out of reach of children. If liquid is ingested, wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell, seek medical attention. In the event of adverse reaction due to inhalation remove patient from exposure, rest & keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention. May cause minimal skin irritation of areas exposed to fluid. Wash exposed skin with plenty of water. Remove contaminated clothing & wash before reuse. If irritation persists, seek medical attention. If splashed in eyes may cause minimal irritation seen as slight redness of the conjunctiva. Flush thoroughly with water for



Safety Data Sheet

Smoke Fluid By Gear4Music

at least 5 minutes. Obtain medical attention.”

3. Composition/information on ingredients

3.1. Substances:

Substance	CAS No.	Concentration
Propylene Glycol	57-55-6	9-10%
Triethylene Glycol	112-27-6	9-10%
Glycerin	50-81-5	5-9%
Purified Water	7732-18-5	71-75%

Additional Information

Contains no substances stated in the Globally Harmonised System of Classification and Labelling of Chemicals.

4. First Aid Measures

4.1. Description of first aid measures:

Following Inhalation:

No evidence of adverse effects from exposure to recommended level.

Remove patient from exposure. Rest & keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention.

Following skin contact:

May cause minimal irritation to areas exposed to liquid.

Wash exposed skin with plenty of water. Remove contaminated clothing & wash before reuse. If irritation persists, seek medical attention.

Following eye contact:

Flush thoroughly with water for at least 5 minutes. Obtain medical attention.

Following ingestion:

No evidence of adverse effects for low dose; may cause nausea and vomiting in higher dose.

Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell, seek medical attention

4.2. Most important symptoms and effects, both acute and delayed;

Symptoms: Mild irritation of nose & throat.

Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical attention.



Safety Data Sheet

Smoke Fluid By Gear4Music

4.3. Indication of any immediate medical attention and special treatment needed;

None.

5. Firefighting measures

5.1. Extinguishing media:

Suitable Extinguishers:

Water spray or all-purpose foam extinguisher for large fires.

Dry powder or carbon-dioxide extinguisher for small fires.

5.2. Special hazards arising from the substance or mixture:

Hazardous combustion products: Oxides of carbon including aldehydes

5.3. Advice for fire-fighters:

Firefighters should wear full protective clothing including self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Wear appropriate PPE when handling - see section 8.2

6.2. Environmental precautions:

Prevent entry into drains and water courses.

6.3. Methods and material for containment and cleaning up:

Cover drains to prevent entry into water courses. Bund or absorb material with sand, earth or other suitable absorbent material. If possible, transfer to a salvage tank, otherwise absorb residues and place in suitable labelled containers and hold for waste disposal.

6.4. Reference to other sections:

See section 13 for disposal procedures



Safety Data Sheet

Smoke Fluid By Gear4Music

7. Handling and Storage

7.1. Precautions for safe handling:

Avoid prolonged skin contact. Avoid contact with eyes. Avoid spills. Ensure good general ventilation of area. Avoid creating spray. Do not breathe undiluted vapour.

7.2. Conditions for safe storage, including any incompatibilities:

Store in original closed containers. Store at ambient temperature. Store away from materials listed in section 10.

7.3. Specific end uses:

For use with an appropriate fog/smoke machine to create visual effects

8. Exposure controls/personal protection

8.1. Control parameters:

Occupational exposure limits

Country	Substance Name	CAS-No.	Occupational exposure limit value for particulates				Occupational exposure limits for total vapour & particulates			
			8 hours		Short term		8 hours		Short term	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Australia	Propane-1,2-diol (Propylene Glycol)	57-55-6	-	10	-	-	150	474	-	-
Canada - Ontario			-	10	-	-	50	155	-	-
Ireland			-	10	-	-	150	470	-	-
New Zealand			-	7	-	-	150	474	-	-
United Kingdom			-	10	-	-	150	474	-	-

Note: The above exposure limits are for information only and are correct at time of publication. Users should check current exposure limits for their territory prior to using the product.

8.2. Exposure Controls:

Respiratory: Ensure good general ventilation of area. Avoid breathing spray. Do not breathe undiluted vapour. Use isolated breathing apparatus for organic vapour mists.

Hands/Skin: Avoid prolonged skin contact. Wear PVC coated or rubber gloves. Wear overalls and boots. Always wash thoroughly after handling chemicals.

Eyes: Avoid contact with eyes. Wear glasses or face shield



Safety Data Sheet

Smoke Fluid By Gear4Music

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties:

Appearance:	Colourless liquid
Odour:	Mild
pH:	6-7
Chemical base:	water based
Boiling point:	115 – 135 Celsius
Melting point:	-20 Celsius
Relative density:	1.05 at 20 Celsius
Vapour pressure:	2.67 Kpa at 20 Celsius
Vapour density:	1.05 (air=1)
Solubility in water:	Completely miscible

10. Stability and reactivity

10.1. Reactivity:

No data available

10.2. Chemical Stability:

Stable in normal conditions.

10.3. Possibility Of Hazardous Reactions:

Possibility of explosive decomposition if combined with strong acids or bases at elevated temperatures.

10.4. Conditions To Avoid:

Elevated temperatures.

10.5. Incompatible Materials:

Strong acids and bases; strong oxidisers.

10.6. Hazardous decomposition products:

Oxides of carbon, including aldehydes.

11. Toxicological information

No toxic chemicals present in regulated quantities



Safety Data Sheet

Smoke Fluid By Gear4Music

12. Ecological Information

Mobility: Liquid with low volatility; soluble in water; predicted to have high mobility in soil

Degradability: The preparation is largely biodegradable

Accumulation: Low

13. Disposal Considerations

13.1. Waste Treatment Methods:

Substance: Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As for substance. Used containers must not be cut up or punctured until completely purged of product residues.

14. Transport Information

No special precautions for transport

Not subject to IMDG code

Not subject to IATA regulations

Not listed in UN Dangerous Goods List

15. Regulatory Information

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

No applicable regulations at time of publication. Users should confirm the applicability of their national regulations.

Other Information

The information contained in this data sheet does not constitute an assessment of workplace risk as required by other health and safety legislation.

No special training is required for handling this preparation other than normal precautions for safe handling of chemicals.

The product is for use in appropriate smoke/haze machines only, for the production of smoke/haze effects. It must not be used for any other purpose or in any other equipment.

The concentration of smoke components is below the OES under normal operating conditions.



Safety Data Sheet

Smoke Fluid By Gear4Music

Sources of Information:

Manufacturer's data sheet
UN Dangerous Goods List
EU Regulation 1907/2006 (REACH)
IMDG List of Proper Shipping Names
GESTIS Substance Database for Occupational Exposure Limits
EU Regulation 1272/2008 (CLP)

The user should study this data sheet carefully to understand it and the hazards associated with the product in order to provide suitable precautions for safe handling and usage.

The information contained in this sheet is based on our knowledge of the product and of relevant regulations at the time of publication. However, the information is provided "as is" without any express or implied warranty of any kind. As such we disclaim liability for any inaccuracy, obsolescence or incompleteness of any information herein and the inability to fulfil any purpose contemplated. We disclaim liability for any injury, damage, direct or indirect loss, consequential or economic loss or any other loss occasioned by any use of the product not in conformity with the instructions herein. If you have purchased the product for supply to a third party, it is your duty to take all necessary steps to ensure that any person handling and using the product is provided with the information in this sheet. If you are an employer it is your duty to tell your employees and others who may be affected by any hazard described in this sheet and of any precautions that should be taken. We disclaim liability for any injury, damage, direct or indirect loss, consequential or economic loss or any other loss occasioned by you as a result of any non-compliance with this instruction"

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