



SAFETY DATA SHEET

Section 1: Identification

Product Name: FOG FLUID FLC-XXXX; FLL-XXXX; FLK-XXXX (X=0-9999)

Application: Artificial Smoke or Fog for theatrical use, special effect use; immersive training and leak detection.

Manufacturer: Antari Lighting & Effects, Ltd.

Address: No.8, Lane 231, Section 1, Nankan Rd., Luzhu District, Taoyuan City, Taiwan, 338217

Phone: +886 3 322-5829

Email: frank.ho@antari.com

In Case of Emergency: During Office Hours +886 3 322-5829

Section 2: Hazard(s) Identification

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No. 1272/2008, this product is not classified according to the CLP regulation.

2.2 Label Element: No labeling required

2.3 Other Hazards: None

Section 3: Composition/ Information on Ingredients

3.1 Ingredients:

Identification	EC#	CAS#	Concentration (%)
Water	231-791-2	7732-18-5	50 – 60
Propylene Glycol	200-338-0	57-55-6	40 – 50

3.2 Mixture:

Chemical Characterization: Mixture of higher polyalcohols.

Hazardous Ingredients: None

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 quick as possible with the MSDS.

No other special measures required.

Eye Contact

Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.

Skin Contact

Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.

Inhalation

If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion

Do not induce vomiting. Rinse mouth with after and then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious or convulsing.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Agents:

Use firefighting measures that suit the environment.
Cool down containers exposed to fire by spraying them with water

Unsuitable Extinguishing Media: None

Advice for Firefighters: None

Special Protective Equipment for Firefighters: None

Section 6: Accidental Release Measures

Personal Precautions: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Method for Containment: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Method for Cleaning Up: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent material and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Section 7: Handling and Storage

Handling: Use good hygiene and safety practices in handling this material.

Storage: Keep out of reach of children. Store in a closed container away from incompatible materials. Store in a cool dry place. Avoid extremely hot or cold temperatures.

Section 8: Exposure Controls/Personal Protection

Eye Protection: Safety glasses recommended

Hand Protection: If there is a constant skin contact, rubber gloves are recommended.

Respiratory Protection: Not normally required if good ventilation is maintained.

General Hygiene Considerations: use good hygiene and safety practices when handling this material. When using, do not eat or drink. Wash hands immediately after handling products.

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Transparent
Odor:	No available information
Melting Point/Freezing Point:	No available information
Initial Boiling Point/Boiling Range:	94°C, Test Method: Open Cup
Flammability:	No available information
Upper/Lower Flammability or Explosive Limits:	No available information
Flash point:	94°C, Test Method: Open Cup
Auto Ignition Temperature:	No available information
Decomposition Temperature:	No available information
pH:	No available information
Viscosity (cSt):	No available information
Solubility in Water:	No available information
Partition Coefficient n-octanol/water (Log Kow):	No available information

Vapor Pressure:	No available information
Vapor Density:	No available information
Relative Density:	No available information
Evaporation Rate:	No available information
Oxidizing Properties:	No available information
Explosive Properties:	Not classified as explosive

Section 10: Stability and Reactivity

10.1 Reactivity

Hazardous Polymerization will not occur.

10.2 Chemical Stability

Stable under normal circumstances.

10.3 Possibility of Hazardous Reactions

No available information

10.4 Conditions to Avoid

Avoid high temperatures and contact with incompatible material

10.5 Incompatible materials:

No available information

10.6 Hazardous decomposition Products

No hazardous decomposition data available

Section 11: Toxicological Information

Routes of Entry

Inhalation: Yes Symptoms/Injuries After Inhalation: None expected under normal conditions of use

Eyes: Yes Symptoms/Injuries After Inhalation: None expected under normal conditions of use

Skin: Yes Symptoms/Injuries After Inhalation: None expected under normal conditions of use

Ingestion: Yes Symptoms/Injuries After Inhalation: None expected under normal conditions of use

Carcinogenicity: Not Classified

Reproductive Toxicity: Not Classified

Respiratory or Skin Sensitization: Not Classified

Skin Corrosion/Irritation: Not Classified

Eye Damage/Irritation: Not Classified

Section 12: Ecological Information

12.1 Toxicity

No additional information provided for this product.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6 Other adverse effects

No information available.

Section 13: Disposal Considerations

13.1 Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Section 14: Transport Information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	No information available		
14.7 Transport in bulk according to Annex II of APRPOL73/78 and the IBC Code	Not Applicable		

Section 15: Regulatory Information

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

EU Legislation

REGULATION (EU) 2015/830 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

National Legislation

None noted.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out

Section 16: Other Information

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