

12. ECOLOGICAL INFORMATION

Mobility	Liquid with low volatility, soluble in water, predicted to have high mobility in soil.
Ecotoxicity	The product is expected to be non-hazardous to aquatic species.

13. TRANSPORT INFORMATION

No special precautions for transport.

14. DISPOSAL CONSIDERATIONS

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.
Waste Classification	Not Applicable.

15. REGULATORY INFORMATION

Supply label details	In accordance with CHIP 2, Regulation 9.
Label Name	Fog Liquid.
Symbol	No risk or safety phrases stipulated.
Risk phrases	No risk or safety phrases stipulated.
Safety phrases	No risk or safety phrases stipulated.
Product Use:	Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379EEC including amendments and the intended use.

Use of this material may be governed by the following regulations:
COSHH, HSWA, MHSW.

Users are advised to consult these regulations for further information. The information contained in this data sheet does not constitute an assessment of workplace risk as required by other health and safety legislation.

16. OTHER INFORMATION

No special training is required for handling this preparation other than normal precautions for safe handling of chemicals. This material is usually used for the production of synthetic smoke/haze in an appropriate smoke/haze generator. The concentration of smoke components is below the OES under normal operating conditions.

It must not be used for any other purpose, or in any other equipment

Further information can be obtained from the supplier, whose address and telephone number are given in section 1.

17. LEGAL DISCLAIMER

The above information is based on the present state of our knowledge of the product at the times of publication of this data sheet. It is given in good faith, no warranty is implied with respect to the quality of the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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.

HEALTH & SAFETY PRODUCT DATA SHEET

FOG LIQUID LIGHT, MEDIUM & HIGH DENSITY

**FL105, FL101, FL205, FL201,
FL305, FL301, FL405, FL605**

Issue No. 1.4 Date : 01/03/2017

ELECTROVISION LTD

LANCOTS LANE, SUTTON OAK, ST. HELENS, MERSEYSIDE, WA9 3EX
Telephone: +44 (0)1744 745000 - Fax: +44 (0) 1744 745001

SAFETY DATA SHEET

FOG LIQUID LIGHT, MEDIUM & HIGH DENSITY

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Name: FOG LIQUID LIGHT, FOG LIQUID MEDIUM, FOG LIQUID HIGH DENSITY
 Synonyms: FL105, FL101, FL205, FL201, FL305, FL301, FL405, FL605
 Supplied by: ELECTROVISION LTD
 LANCOTS LANE, SUTTON OAK,
 ST. HELENS, MERSEYSIDE,
 WA9 3EX
 Tel: +44 (0)1744 745000
 Fax: +44 (0)1744 745001

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	A non-hazardous blend of Monopropylene Glycol & Triethylene Glycol			
Chemical Name*	CAS No	%	EC Number Symbol	R-Phrases
Monopropylene Glycol	57-55-6	10-25	200-338-0 -	-
Triethylene Glycol	112-27-6	0-5	203-953-2 -	-

* Occupational Exposure Limit(s), if available, are listed in section 8.

Composition: Contains 99.5% w/w min propylene glycol and 0.2% w/w max water (USP/EP) grade.
 Contains 99% w/w min. monopropylene glycol and 0.3% w/w max. water (industrial grade).
 Total content of dimer, trimer and higher polymers of propane-1, 2-diol is 0.1% w/w max.

4. FIRST AID MEASURES

<i>Exposure Route</i>	<i>Symptom</i>	<i>Treatment</i>
Inhalation	Mild irritation of nose & throat	Remove from exposure, rest and keep warm. In severe cases or if recovery is not very rapid or complete, seek medical attention.
Skin Contact	Mild irritation	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of skin are damaged or if irritation persists seek medical attention.
Eye Contact	Mild irritation	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Ingestion	Mild irritation of gastro-intestinal tract	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell, seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media Suitable: Select extinguishing media appropriate to other materials involved. Use water spray, foam dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Safety Precautions	Where appropriate PPE when handling - see section 8
Environmental Precautions	Prevent entry into drains and water courses.
Clean up Procedure	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 see section 14.

7. HANDLING & STORAGE

Safe Handling	Avoid prolonged skin contact. Avoid contact with eyes. Ensure good ventilation of area. Avoid creating spray. Do not breathe the undiluted vapour.
Storage	Store in original closed containers only. Store at ambient temperature only. Store away from materials listed in section 10.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory	Type approved RPE for organic vapours and mists, if required.
Hand	PVC coated or rubber gloves.
Eye	Goggles or face shield.
Skin	Overalls and boots.
Hygiene Measures	Always wash thoroughly after handling chemicals.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Clear, Colourless
Odour	Odourless
Boiling Point/Melting Point	185 – 189/-60°C approx.
Density/Vapour Density	Not Available/2.62 kg/m ³
Vapour Pressure	0.22 mm Hg 20°C
Solubility	Completely Soluble
pH	Not Available
Flash Point	103 °C
Autoignition Temperature	371 °C
Lower Explosion Limit	2.6 to 12.5%
Viscosity	56.0 cP 20°C

10. STABILITY & REACTIVITY

Stability	Stable in normal conditions
Known hazardous reactions	Possibility of explosive decomposition if combined with strong acids or bases at elevated temperatures.
Conditions to avoid	Elevated temperatures
Materials to avoid	Strong acids and bases: strong oxidisers
Hazardous decomposition products	Oxides of carbon, including aldehydes

11. TOXICOLOGICAL INFORMATION

<i>Local Effects</i>	
Skin Irritation	A single 4h semi-occlusive application to intact rabbit skin produced no signs of dermal irritation.
Eye Irritation	The degree of irritation was insufficient to warrant labeling as an eye irritant.
Acute Toxicity	Low order of acute toxicity.