



**HEALTH AND SAFETY
DATA SHEET**

PRODUCT NAME

Gravity Max
Misty Haze
High Octane
Premium Octane

Antari Pro UK. Suites 1 – 6 KPC House, Canterbury Road, Ashford, Kent, TN24 0BP
Tel: +44 (0) 1233 636688 Fax: +44 (0) 1233 660204

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Name: ANTARI FOG LIQUID
Synonyms: FOG FLUID NEUTRAL
Supplied By: ANTARI PRO UK,
LED HOUSE,
KPC BUSINESS CENTRE,
CANTERBURY ROAD,
ASHFORD,
KENT TN24 0BP

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains Food Grade Glycols, Polyglycols and Demineralised Water.
Contains no substances in Part 1 of Approved Supply List, or with a maximum exposure limit (MEL) specified in Schedule 1 of COSHH.
Contains Monopropylene Glycol, for which an occupational standard has been set.

3. HAZARDOUS INFORMATION

No significant hazard to man or environment under normal conditions of handling and use.

Ingestion: low toxicity.
Eye/Skin: low toxicity

Inhalation: low concentration of hazardous substances in vapour. Undiluted vapour should not be inhaled. (Note: The concentration of smoke components in the final product is below the OES under normal operating conditions)

4. FIRST AID MEASURES

Exposure Route	Symptom	Treatment
Inhalation	Mild irritation of nose & throat	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid, seek medical attention.
Skin Contact	Mild irritation	Drench skin with plenty of water. Remove contaminated clothing and wash before re-use. If large areas of the skin are damaged or if irritation persists, seek medical advice.
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 unwell seek medical advice.

5. FIRE FIGHTING MEASURES

Suitable Extinguishers	Alcohol-resistant or all-purpose-type foam Use carbon dioxide or dry powder for small fires only.
Unsuitable Extinguishers	Do not direct a solid stream of water or foam into hot burning pools; as this may cause frothing and increase the intensity of the fire.
Hazardous Combustion Products	Oxides of carbon including aldehydes.
Special Equipment for Fire Fighting	Self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Safety Precautions	Wear 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 salvage tank. Otherwise, absorb residues and place in suitable labelled containers and hold for waste disposal. – see section 13.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless Liquid
Odour:	Mild
pH Level:	Neutral
Boiling Point/Range:	101.6 – 201.6 °C
Melting Point/Range:	< -20 °C
Flash Point:	> 78 °C (test flame extinguished)
Flammability Limits	2.9 – 18.1 v/v (estimated)
Vapour Pressure	2.67 kPa at 20°C
Related Density	1.050 at 20°C/20°C
Solubility in Water	Completely miscible

10. STABILITY AND 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

OES for monopropylene glycol set at 150 ppm (total vapour and particulates) for 8 hour TWA, and 10mg/m³ (particulates) for 15 minute STEL.

LD₅₀ for monopropylene glycol: 21000 – 33700 mg/kg oral – rat, >10000 mg/kg skin rabbit.
May cause slight irritation to skin, eyes and mucous membranes. Large doses may produce adverse effects on liver, kidneys and central nervous system.

No evidence in developmental toxicity studies for either embryotoxic or teratogenic effects.

SDS 120 Date August 2002	Revision No.:	Date:	Replaces SDS No.:	Date:
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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. DISPOSABLE CONSIDERATIONS

Substance	Via an authorised waste disposal contractor to an approved disposal site observing all local and national regulations.
Container	As for substance. Used containers must not be punctured or cut up until completely purged of product residues.

14. TRANSPORT INFORMATION

No special precautions for transport.

15. REGULATORY INFORMATION

Supply Label Details	In accordance with CHIP 2, Regulation 9
Label Name	Antari Fog Fluid
Symbol	No symbol stipulated
Risk Phrases	No risk phrases stipulated
Safety Phrases	No safety phrases stipulated

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.

SDS 120 Date August 2002	Revision No.:	Date:	Replaces SDS No.:	Date:
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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 in an appropriate Antari smoke generator. the concentration of smoke components I below the OES under normal operating conditions.

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

Further details may be available on request from the supplier or manufacturer whose details are given in section 1.

Source of information – Suppliers Safety Data Sheets for substances used as raw materials in preparation. EH 40/97. NFPA 325M.

Legal Disclaimer:

The above information is based on the present state of our knowledge of the product at time of publication. 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 or 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.

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