

Trade Name: Aqua - Mist F-100

Appendix 7, Material Safety

Date: 01-04-2000  
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Former Date: N/A

 MATERIAL SAFETY DATA SHEET

Date: 05-02-2001

 INFORMATION FORM FOR CHEMICALS DATA  
Former Date: N/A**1.0 IDENTIFICATION OF THE CHEMICAL AND OF THE MANUFACTURE, IMPORTER OR OTHER UNDERTAKING**

- 1.1 Identification of the substance or preparation\*  
Trade Name\* Aqua-Mist  
Code of the preparation\* F-100
- 1.1 Identification of the manufacturer, importer or other undertaking\*  
1.1.1 Manufacture, importer, other undertaking\* Aqua-Mist Fire Technology Ltd.  
1.1.2 Street address\* Unit 11, Monkton Road Industrial Estate  
Postcode and box office Wakefield, WF2 7BP  
Telephone number +44 1924 360014  
Fax +44 1924 360026
- 1.1.3 Name and address of the information in emergency cases\*  
Emergency telephone number Local emergency Tel number
- 1.1.4 Information on foreign manufacturer

**2.0 COMPOSITION AND INFORMATION ON INGREDIENTS**

- 2.0 Description
- 2.1 Hazardous ingredients
- | 2.2.1 CAS number or other code                               | 2.2.2 Name of the ingredient | 2.2.3 Concentration | 2.2.4 Warning symbol, R phrases and other data on the ingredients |
|--|------------------------------|---------------------|---|
|  |                              |                     |   |
| 2.2.5 Full chemical name of the ingredient (CAS number name) |                              |                     | X Confidential  |

2.2.6 Other information

**3.0 HAZARDOUS IDENTIFICATION****4.0 FIRST AID MEASURES**

- 4.1 Special instructions None
- 4.2 Inhalation None
- 4.3 Skin If any irritation occurs, rinse with cold water.
- 4.4 Splashes in eyes If any irritation, irrigate with clean water.
- 4.5 Ingestion If large volumes are swallowed, induce vomiting as a precaution.
- 4.6 Information to doctor or other trained persons giving First Aid No general danger to health under normal use.

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**5.0 FIRE-FIGHTING MEASURES**

5.1	Suitable extinguishing media*	N/A
5.2	Extinguishing media, which must not be used for safety, reasons	N/A
5.3	Special exposure hazards in a fire	N/A
5.4	Special protective equipment for a fire	N/A
5.5	Other Instructions	N/A

**6.0 ACCIDENT RELEASE MEASURES**

6.1	Personal precautions	None
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**7.0 HANDLING AND STORAGE**

7.1	Handling	No special handling precautions, other than weight factors Recommended Temperature 0-50c
7.2	Storage	

**8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1	Technical measures for exposure controls	N/A
8.2	Limit values for workplace air	None
8.2.1	HTP values	N/A
8.2.2	Other information on limit values	None
8.3	Personal protective equipment	None
8.3.1	Special instructions for protection and hygiene	No special protection required
8.3.2	Respiratory protection	None
	Precaution only with sensitive skin/eyes	
8.3.3	Hand protection	Waterproof gloves
8.3.4	Eye protection	Safety glasses
8.3.5	Skin protection	Barrier cream

**9.0 PHYSICAL AND CHEMICAL PROPERTIES**

9.1	Physical state, colour and odour	slightly OP
9.2	pH #	7 + .5
9.3	Information on changes in the physical state	
9.3.1	Boiling point/boiling range	90-110
9.3.2	Melting point/melting range	-35
9.3.3	Decomposition temperature	N/A
9.4	Flash point	N/A
9.5	Flammability (solid/gas)	N/A
9.6	Auto-flammability	N/A
9.7	Explosion hazard	N/A
9.8	Explosive limit	N/A
	a) lower	N/A
	b) Upper	N/A
9.9	Oxidising properties	None
9.10	Vapour pressure	+20 C: 0.071 kPa
9.11	Relative Density	+20 C: 1.221 Kg/L

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9.12	Solubility	a) Water solubility b) Fat Solubility	Completely soluble N/A
9.13	Partition coefficient (for ingredients): n-octanol/water		N/A
9.14	Viscosity		2728 cps @ 22degrees C
9.15	Other information		
<b>10.0</b>	<b><u>STABILITY AND REACTIVITY</u></b>		
10.1	Conditions to avoid		None
10.2	Materials to avoid		None
10.3	Hazardous decomposition products		None
<b>11.0</b>	<b><u>TOXICOLOGICAL INFORMATION</u></b>		
11.1	Acute toxicity		LD50:>5000mg/Kg (oral), OECD LD50:>5000mg/kg
11.2	Irritancy and corrosiveness		N/A
11.3	Sensitization		None
11.4	Sub acute, sub chronic and prolonged toxicity		None
11.5	Empirical data on effects on humans		No irritation
11.6	Other information on health effects		None
<b>12.0</b>	<b><u>ECOLOGICAL INFORMATION</u></b>		
12.1	Persistence in the environment		None
12.1.1	Biodegradation	Biodegradable	Biodegradable
12.1.2	Chemical degradation		N/A
12.2	Bioaccumulations		None
12.3	Mobility		N/A
12.4	Toxic effects on organisms		
12.4.1	Aquatic toxicity		None known
12.4.2	Other toxicity		Non toxic at expected quantities in nature
12.5	Other information		
<b>13.0</b>	<b><u>DISPOSAL CONSIDERATION</u></b>		
			No special considerations
<b>14.0</b>	<b><u>TRANSPORT INFORMATION</u></b>		
14.1	UN number		N/A
14.2	Packaging category		N/A
14.3	Land transport		N/A
14.3.1	Transport class		N/A
14.3.2	Risk code		N/A
14.3.3	Name according to bill of freight		Aqua-Mist Fire Fighting Liquids
14.3.4	Other information		None

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- 14.4 Sea transport
  - 14.4.1 IMDG class
  - 14.4.2 Correct technical name
  - 14.4.3 Other information
  - 14.5 Air transport
  - 14.5.1 ICAO/IATA class
  - 14.5.2 Correct technical name
  - 14.5.3 Other information
- Aqua-Mist F-100  
None
- Aqua-Mist F-100  
None

**15.0 REGULATORY INFORMATION**

- 15.1 Information on the warning label
  - 15.1.1 Letter code of the warning symbol and indications of danger for the preparation
  - 15.1.2 Names of the ingredients given on the warning label
  - 15.1.3 R phrases
  - 15.1.4 S phrases
  - 15.1.5 Special regulations on certain preparations
  - 15.2 National regulations
- N/A  
N/A  
N/A  
N/A  
N/A  
N/A

**16.0 OTHER INFORMATION**

- 16.1 Purpose of use
  - 16.1.1 Expressed in writing
  - 16.1.2 Code for the purpose of use
- Fire Extinguishing Medium  
Use in diluted
- |        |       |  |
|--------|-------|--|
| SIC 1: | KT 1: |  |
| SIC 2: | KT 2: |  |
| SIC 3: | KT 3: |  |
| SIC 4: | KT 4: |  |
- SIC (TOL)      Standard industrial classification  
KT              Desired effect of the chemical
- 16.2 Directions for use
  - 16.3 Other information
  - 16.4 Additional information available from
  - 16.5 Sources of information used in the compilation of the safety data sheet reports
- See Aqua-Mist Standard Instructions  
Various toxicity and environmental

Reasons for the confidentiality of the information:

Any areas highlighted as confidential are for the protection of the intellectual property rights.

Date:

Signature: