



# C-Beam Fluid

## Safety Data Sheet

*According to Regulation(EC) No 1907/2006 (REACH), ANNEX II*

**Date of issue: 23<sup>rd</sup> April 2012**

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

#### **1.1 Identification of the substance or preparation**

Name: C-Beam Fluid  
Synonyms: Haze Fluid (North America)  
G300 Haze Fluid  
Le Maitre Ltd. Code Number: 2934

#### **1.2 Use of the substance/preparation**

Fluid for use in the creation of haze effects using a dedicated smoke machine.

#### **1.3 Company/undertaking identification**

Le Maitre Ltd  
6 Forval Close  
Wandle Way  
Mitcham, Surrey  
CR4 4NE  
Tel: +44 208 646 2222  
Fax: +44 208 646 1955

#### **1.4 Emergency telephone**

UK: +44 208 646 2222 (Only available during office hours)  
US: +1 702 843 5080 (Only available during office hours)

### **2. HAZARDS IDENTIFICATION**

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 haze components in the final product is below the OES under normal operating conditions)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains:

Food grade polyol:

EINECS No.: 200-289-5

REACH Registration No.: Exempt under REACH Annex V

De-mineralised water

**Note:** All contents exempt from REACH registration.

Contains no substances with a maximum exposure limit (MEL) specified in Schedule 1 of COSHH.

### 4. FIRST AID MEASURES

Exposure Route	Symptom	Treatment
Inhalation	Mild irritation of nose & throat	Move to fresh air. If symptoms persist, seek medical attention.
Skin Contact	Mild irritation	Wash off with soap and water. Remove contaminated clothing and shoes.
Eye Contact	Mild irritation	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, seek medical attention.
Ingestion	Mild irritation of gastro-intestinal tract	Wash out mouth with water and drink plenty of water. Do not induce vomiting. If patient feels unwell seek medical attention.

### 5. FIRE-FIGHTING MEASURES

Suitable Extinguishers	Non-flammable. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable Extinguishers	N/A
Hazardous Combustion Products	Oxides of carbon.
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 a 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 general ventilation of area. Avoid creating spray. Do not breathe undiluted vapour
Storage	Store in original closed containers Store at ambient temperature Store away from materials listed in section 10
Specific Use(s)	Only for use in designated hazers for the production of haze as a special effect

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

Recommended exposure limit: 10mg/m<sup>3</sup>

### 8.2 Exposure controls

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 AND CHEMICAL PROPERTIES

### 9.1 General information

Appearance:	Colourless Liquid
Odour:	Mild
Odour Threshold:	No data available.

## 9.2 Important health, safety and environmental information

pH:	Neutral
Boiling Point/Range:	290°C
Melting Point/Range:	<-20°C
Flash Point:	No data available.
Evaporation rate:	No data available.
Flammability:	No data available.
Upper explosion limit:	No data available.
Lower explosion limit:	No data available.
Vapour pressure:	No data available.
Relative vapour density:	No data available.
Density:	1.03 g/cm <sup>3</sup> (approximate)

## 9.3 Other information

Solubility in water: Completely miscible

## 10. STABILITY AND REACTIVITY

Stability: Stable in normal conditions

Known hazardous reactions: No dangerous reaction known under conditions of normal use.

### 10.1 Conditions to avoid

Elevated temperatures

### 10.2 Materials to avoid

Strong oxidizing agents. Acids. Isocyanates.

### 10.3 Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

Polyol exposure limit (inhalation): 10mg/m<sup>3</sup>.

LD<sub>50</sub> for polyol:

Oral rat: 12600 mg/kg.

**Oral:**

May cause discomfort if swallowed.

**Inhalation:**

Inhalation of high concentration may irritate throat and respiratory system and cause coughing.

**Skin:**

Repeated exposure may cause irritation.

**Eyes:**

May cause irritation.

## **12. ECOLOGICAL INFORMATION**

### **12.1 Ecotoxicity**

Short and long-term effects: Material is not regarded as dangerous for the environment.

### **12.2 Mobility**

Liquid with low volatility, soluble in water, predicted to have high mobility in soil

### **12.3 Persistence and degradability**

Material is readily biodegradable.

### **12.4 Bioaccumulative potential**

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

### **12.5 Other adverse effects**

None known.

## **13. 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

## **14. TRANSPORT INFORMATION**

No special precautions for transport

## **15. REGULATORY INFORMATION**

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 haze in an appropriate Le Maitre hazer. The concentration of smoke components is below the OES under normal operating conditions.

It must not be used for any other purpose, and is only recommended for use in Le Maitre hazers.

Further details may be available on request from the supplier, whose address and telephone number are given in section 1.

## **17. LEGAL DISCLAIMER**

The information presented herein is accurate to the best of our knowledge. Le Maitre Ltd. will not be held liable for any inaccuracy, non-concurrency or incompleteness of the information provided. 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.