

SAFETY DATA SHEET

ClearFoam 300

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade name: ClearFoam 300
EC No: Mixture.
REACH Registration Number: Mixture.
CAS No: Mixture.

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified Uses: Antifoam.

1.3 Details of the supplier of the safety data sheet:

Supplier: GPC Clear Solutions Limited
Unit 57 Riverside Estate
Sir Thomas Longley Road
Medway City Estate, Rochester, Kent
ME2 4DP
United Kingdom

Telephone Number: +44 (0) 1634 326920

Fax: +44 (0) 1634 570469

Email: sales@gpcclearsolutions.co.uk

1.4 Emergency Telephone Number (Office hours only):

GPC Clear Solutions Limited (Office hours only): 0 1634 326920

National Poison Information Service: NHS Direct: 0845 4647 or 111 (24/24, 7/7)
Scotland: NHS 24-08454 24 24 24 (24/24, 7/7)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No1272/2008: Not classified as hazardous.

2.1.2 Classification according to Directive 67/548/EEC:

2.1.3 Additional Information:

2.2 Label Elements: (Labelling according to Regulation (EC) No 1272/2008:

Hazard Pictograms:

No label assigned

EU H208, Contains 5-Chloro-2-Methyl-2H-Isothiazol-3-one/2-Methyl-2H-Isothiazol-3-one (CMIT/MIT) which may produce an allergic reaction.

Signal Word: None assigned.

Hazard Statements: None assigned.
Precautionary Statements: None assigned.

2.3 Other Hazards: None known.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS no	Weight %	EC No
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4. FIRST AID MEASURES

- 4.1 Description of first aid measures:**
- 4.2 Inhalation:** Following inhalation move the person to fresh air. Keep the person warm and at rest. Obtain medical attention immediately.
- 4.3 Skin contact:** Following skin contact remove contaminated clothing. Wash with soap and water. In case of persistent skin irritation or allergic reactions consult a physician.
- 4.4 Eye contact:** Following eye contact rinse cautiously with water for several minutes. Obtain medical attention if irritation persists.
- 4.5 Ingestion:** Do not induce vomiting. Give patient milk to drink if conscious. If patient feels unwell seek medical attention.
- 4.6 Most important symptoms and effects, both acute and delayed:** No data available.
- 4.7 Indication of any immediate medical attention and special treatment needed:** No data available.

5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media:** Carbon dioxide, foam, dry chemical powder, water spray.
- Unsuitable extinguishing media:** None.
- 5.2 Special hazards arising from the substance or mixture:** In a fire this product will release oxides of carbon.
- 5.3 Advice for fire firefighters:** Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:**
May cause slip hazard if spilt. Also see section 8.
- 6.2 Environmental precautions:**
Prevent accidental discharge into sewers or water course.
- 6.3 Methods and material for containment and cleaning up:**
Stop leak if possible without risk. Dam and absorb spillages with sand, earth or other non-combustible materials. Collect and place in suitable storage containers. Flush the area with water.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Avoid spilling, skin and eye contact. Provide facilities such as eyewash, soap and water as determined in a risk assessment based on expected usage and routes of contact.

7.2 Conditions for safe storage, including any incompatibles:

No specific requirements. See section 7.1 also.

7.3 Specific end use(s):

Antifoam

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Occupational Exposure limit values:

WEL (8 hour reference period)

STEL (15 minute reference period)

	<u>ppm</u>	<u>mgm³</u>	<u>ppm</u>	<u>mgm³</u>
None assigned	-	-	-	-

8.2 Exposure controls:

No specific requirements.

8.3 Engineering measures:

No specific requirements.

8.4 Personnel protection:

Wear gloves made from nitrile conforming to BS EN374.

Wear eye protection to BS EN166.

Wear protective clothing dependant on level of potential exposure based on findings of a risk assessment.

8.5 Emergency:

Provide eyewash facilities, soap and water.

8.6 Hygiene measures:

Employ good industrial hygiene procedures including no eating/drinking or smoking whilst handling the material. Wash hands before eating, smoking or using the toilet. Remove and clean/replace any contaminated clothing/PPE before reuse.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	White emulsion.
9.2	Odour:	Mild, characteristic.
9.3	Odour threshold:	Not applicable.
9.4	pH:	Not applicable.
9.5	Melting point/Freezing point:	No data available.
9.6	Initial boiling point and boiling range:	Not applicable.
9.7	Flash point:	Not applicable.
9.8	Evaporation rate:	No data available.
9.9	Flammability (solid, gas):	Not applicable.
9.10	Upper/lower flammability or explosive limits:	Not flammable.
9.11	Vapour pressure:	No data available.
9.12	Vapour density:	No data available.
9.13	Relative density:	Approx 0.975 g/cm ³ .
9.14	Solubility:	Readily dispersible.
9.15	Partition coefficient: n-octanol/water:	No data available.
9.16	Auto ignition temperature:	No data available.
9.17	Decomposition temperature:	No data available.
9.18	Viscosity:	approx 300 cps (25 °C).
9.19	Explosive properties:	No data available.
9.20	Oxidising properties:	No data available.

10. STABILITY AND REACTIVITY

10.1	Reactivity:	None known.
10.2	Chemical stability:	The product is stable under normal storage conditions.
10.3	Possibility of hazardous reactions:	None known.
10.4	Conditions to avoid:	None known.
10.5	Incompatible materials:	Avoid contact with strong oxidising agents.
10.6	Hazardous decomposition products:	Oxides of carbon.

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11. TOXICOLOGICAL INFORMATION

11.1	Acute oral toxicity:	Not classified. No other data available.
11.2	Acute inhalation toxicity:	Not classified. No other data available.
11.3	Acute dermal toxicity:	See section 11.6.
11.4	Skin corrosion/irritation:	Not classified. No other data available.
11.5	Serious eye damage/irritation:	Not classified. No other data available.
11.6	Respiratory/skin sensitisation:	EU H208, Contains 5-Chloro-2-Methyl-2H-Isothiazol-3-one/2-Methyl-2H-Isothiazol-3-one (CMIT/MIT) which may produce an allergic reaction.
11.7	Germ cell mutagenicity:	No data available.
11.8	Carcinogenicity:	No data available.
11.9	Reproductive toxicity:	No data available.
11.10	STOT – Single exposure:	No data available.
11.11	STOT – Repeated exposure:	No data available.
11.12	Aspiration hazard:	Unlikely due to the high viscosity of the product.

12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity:	Fish toxicity: LC50 (96hr) > 100 mg/l, Rainbow Trout OECD 203. Respiration inhibition: EC50 > 1000 mg/l, OECD 209.
12.2	Toxicity:	Not tested.
12.3	Persistence and degradability:	This product will biodegrade to > 97% OECD 302B.
12.4	Bioaccumulative potential:	No expected to bioaccumulate.
12.5	Mobility in soil:	Product disperses in water to form an emulsion
12.6	Results of PBT and vPVB assessment:	No data available.
12.7	Other adverse effects:	None known.

13. DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods:	Dispose as per local regulations applicable. Spills should be contained, collected using an appropriate method such as absorption or pumping. Then stored in suitable containers for reuse or disposal.
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14. TRANSPORT INFORMATION

14.1	UN number:	Not regulated for transport.	
14.2	UN proper shipping name:	Not regulated for transport.	
14.3	Transport hazard class(es):	ADR/RID/AND Class:	Not regulated for transport.
		ADR Label No:	Not regulated for transport.
		IMDG Class:	Not regulated for transport.
		ICAO Class/Division:	Not regulated for transport.
		Transport Labels:	Not regulated for transport.
14.4	Packing group:	Not regulated for transport.	
14.5	Environmental hazards:	Not regulated for transport.	
14.6	Specific precautions for User:	Not regulated for transport.	
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	Not regulated for transport.	

15. REGULATORY INFORMATION

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

Workplace Exposure Limits EH40.
Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation, (EC) No 1907/2006.
Classification, Labelling and Packaging of Substances and Mixtures Regulation, (EC) No 1272/2008.

15.2 Chemical Safety Assessment:

A chemical safety assessment has not been conducted.

15.3 Other international regulations:

Listed on or in accordance with the following inventories:

EINECS – Europe
ECL – Korea
ENCS – Japan
AICS – Australia
IECSC – China
DSL – Canada
PICCS – Philippines
TSCA - USA

16. OTHER INFORMATION

Further information:

EU H208, Contains 5-Chloro-2-Methyl-2H-Isothiazol-3-one/2-Methyl-2H-Isothiazol-3-one (CMIT/MIT) which may produce an allergic reaction.

Changes to section 1 since the last revision.

Contact:

Tele: +44 (0) 1634 326920

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, process, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.