

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY IDENTIFIER

1.1 Product identifier

Commercial product name: CLEARFOAM 448

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

Industrial

Use of substance/preparation: foam control agent

1.3 Details of supplier of the safety data sheet

GPC Clear Solutions Limited,

Solutions House, Unit 57,

Sir Thomas Longley Road, Medway City Estate,

Rochester, Kent ME2 4DP

Tel: 01634 326920

Fax: 01634 570469

Email: sales@gpcclearsolutions.co.uk

1.4 Emergency telephone number Telephone:

01634 326920 (Office Hours Only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to Regulation EC 1272/2008 (CLP)

Skin sensitization Category 1B – H317

2.2 Labelling elements

UFI 77M0-8084-000U-K2G5

Pictogram:



Signal Word

Warning

Hazard Statements

H317 – May cause an allergic skin reaction

Precautionary Statements

P261 Avoid breathing dust/fumes/gas/mist/vapours spray

P272 Contaminated work clothing should not be allowed out of the workplace

P302 + P352 IF ON SKIN; Wash with plenty of water

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other hazards

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

A blend of surface-active polymers

Component	CAS No.	H.Statement	Concentration Range
Alkenes, C7-9, hydroformylation products, high boiling	68526-89-6	H317	< 65 %

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible)

After Inhalation:	Provide fresh air. Seek medical attention in case of complaints
After contact with skin:	Remove contaminated clothing. Wash thoroughly with soap and water.
After contact with eyes:	Rinse thoroughly with water. If irritation persists, seek medical advice.
After swallowing:	Do not induce vomiting. Drink milk. If a significant quantity has been ingested, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in parts of this section.

4.3 Indication of any immediate medical attention and special treatment

No data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide, foam, dry chemical powder, water spray.

5.2 Special hazards arising from substance or mixture

In a fire this product will release oxides of carbon.

5.3 Advice for fire fighters

Cool tanks and containers exposed to fire with water. Cover spills, which are not burning, with foam or sand.

Special protective equipment for fire fighters:

Use respiration and eye protection in case of smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions

Prevent liquid entering a sewer or water course.

6.3 Methods and material for containment and clean up

Absorb spilled liquid with sand or earth. Transfer to suitable clearly marked containers for disposal in accordance with national and local regulations.

6.4 Reference to other sections

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene practices. Avoid contact with eyes and skin. Wash hands thoroughly after contact.

Observe general rules for fire prevention.

7.2 Conditions for safe storage, including any incompatibilities

Store between 5°C and 30°C. Extremes of temperature may adversely affect the viscosity and stability of this product.

7.3 Specific end use(s)

See the technical datasheet on this product for further information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Maximum airborne concentrations at the workplace:

Not applicable.

8.2 Exposure controls

Personal protective equipment

General protective and hygiene measures

Observe standard industrial hygiene practices for handling chemical substances. Keep away from food stuffs.

Respiratory protection

Respiratory protection is unnecessary providing the concentration of mists and fumes are adequately controlled.

Protection of hands

Wear suitable chemically resistant gloves (e.g Nitrile)

Eye protection

Wear protective eye goggles or visor.

Body protection

Wear lightweight, long sleeve protective clothing and boots which are suitable to the activity and potential exposure.

Environmental exposure controls

See SECTION 7: Handling and Storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

SECTION 9: TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance:	Pale amber liquid
Odour:	Mild, characteristic
pH	N/A as non-aqueous
S.G.:	0.89 @ 20 °C
Boiling Point:	> 200°C
Flash Point:	> 100°C
Autoflammability:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined
Solubility in water:	Readily dispersible
Viscosity:	60 cPs @ 20° C
Partition coefficient, n-octanol water:	Not determined

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Chemical stability

Stable under the conditions of normal industrial practices.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

No special precautions other than good housekeeping of chemicals.

10.5 Incompatible materials

Avoid strong oxidising agents.

10.6 Hazardous decomposition products

Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

(a) Acute toxicity

Acute oral toxicity

Low toxicity if swallowed. Small amounts swallowed incidentally as a result on normal handling operations are not likely to cause injury: however, swallowing larger amounts may cause injury.

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

(b) Skin Corrosion/irritation

Unlikely to cause harm to the skin on brief or occasional contact.

(c) Serious eye damage/eye irritation

Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

(d) Respiratory or skin sensitisation

Not data to support respiratory sensitisation. Some skin sensitization is a possibility.

(e) Germ cell mutagenicity

No relevant data found.

(f) Carcinogenicity

No relevant data found.

(g) Reproductive toxicity

No relevant data found.

(h) STOT- single exposure

No relevant data found.

(i) STOT- repeated exposure

No relevant data found.

(j) Aspiration hazard

At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product expected to be of low aquatic toxicity (based on knowledge of components)

12.2 Persistence and biodegradability

This product is expected to be readily biodegradable.

12.3 Bioaccumulative potential

Some constituents have a potential to bioaccumulate.

12.4 Mobility in soil

Product disperses in water to form a partial emulsion.

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of via an authorised waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions providing the local regulations for emissions are met

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

R.I.D. / A.D.R. class: Not regulated for transport

I.A.T.A. class: Not regulated for transport

I.M.D.G. class: Not regulated for transport

14.2 UN proper shipping name

Not regulated for transport

14.3 Transport hazard class(es)

Not regulated for transport

14.4 Packing group

Not regulated for transport

14.5 Environmental hazards

Not hazardous to the environment

14.6 Special precautions for user

Relevant information in other sections have to be considered

14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

Bulk transport in tankers is not intended.

SECTION 15: REGULATORY INFORMATION

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Relevant regulations:

Regulation EC 1272/2008 (CLP)

SI 2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health & Safety at Work Regulations 1999

Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

Other national and local measures relating to the workplace, pollution control, environmental protection, and waste control.

15.2 Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

15.3 Other international regulations

SECTION 16: OTHER INFORMATION

16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.