

**ALPS ECO ANTI FOAM
FOAM CONTROL AGENT**

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

1.1 Product identifier

Commercial product name: **ALPS ECO ANTI FOAM**

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

Alps Ecoscience Uk Ltd,
2 Crossways Business Centre, Bicester
Road, Kingswood, Aylesbury,
England, HP18 0RA

Telephone: 0118 989 2444
Fax:
Email: info@alpsecoscience.co.uk

1.4 Emergency telephone number

Telephone: 0118 989 2444 (Office Hours Only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to Regulation EC 1272/2008 (CLP)

This product is not classified as hazardous under Directive EC 1272/2008 (CLP)

2.2 Labelling elements

This product has no labelling elements

2.3 Other hazards

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

An emulsion of polydimethyl siloxane.

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)

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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).

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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 data sheet 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 Nitrile gloves

Eye protection

Wear protective eye goggles or visor.

Body protection

Wear light weight protective clothing

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.

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SECTION 9: TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance:	White emulsion
Odour:	Mild, characteristic
S.G.:	1.00 @ 20 °C
Boiling Point:	100°C
Flash Point:	> 150°C
Autoflammability:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Solubility in water:	Readily dispersible
Viscosity:	100 cPs @ 20° C (typically)
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

Not known

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.

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- (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**
No data to support respiratory or skin sensitisation.
 - (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.
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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

12.1 Toxicity

Fish toxicity: LC50 (96hr) > 200 mg/l Golden Orfe (*Leuciscus idus*) determined on PDMS

12.2 Persistence and biodegradability

This product is resistant to biodegradation

12.3 Bioaccumulative potential

This product is not expected to bioaccumulate.

12.4 Mobility in soil

Product disperses in water to form an emulsion.

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Siloxanes are removed from water by sedimentation or binding to sewage sludge.

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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.

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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

Details of international registration status:

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

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.
