

BarthHaas®

HopAid® Antifoam

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier: HopAid® Antifoam

1.2 Synonyms: N/A

1.3 Relevant Uses: **Food use:** for use as a processing aid to control foaming during fermentation for the production of beverages

1.4 Supplier: BarthHaas / BarthHaas UK

1.5 Emergency Contact Details: BarthHaas / BarthHaas UK
Hop Pocket Lane, Paddock Wood, Kent, TN12 6DQ, UK
Emergency phone: +44 1892 833 415 (09:00 - 17:30 Mon-
Thurs; 09:00 - 16:30 Fri, UK time)
Email: enquiries@barthhaas.co.uk

2. HAZARDS IDENTIFICATION

2.1 Classification: Classification according to Regulation (EC) No 1272/2008
Not classified
Classification according to EU Dangerous Substances Directive (67/548/EEC)
Not classified

2.2 Label Elements: N/A (not classified)

2.3 Other Hazards: None

3. COMPONENTS/INFORMATION ON INGREDIENTS

Water, hop extract fraction, food-grade natural emulsifier

4. FIRST AID MEASURES

4.1 Description of First Aid Methods:
Skin contact: Wash skin thoroughly with soap and water.
Eye contact: Wash eye with plenty of water. Obtain medical attention if irritation persists.
Oral ingestion: Wash mouth out with water provided person is conscious. Consult a physician.

4.2 Most important Symptoms and Effects The product is an aqueous emulsion of a fractionated hop extract and a food grade emulsifier. Hop extracts are used as ingredients in brewing and are not considered to be hazardous. However, ingestion of the product may cause irritation of the mouth, throat and digestive tract. May be a mild irritant to skin and eyes.

4.3 Indications of Immediate Medical Attention or Special Treatment None known.

5. FIRE AID MEASURES

5.1 Extinguishing media: Carbon dioxide, dry powder and foam.

5.2 Special Hazards Arising from Substance No known unusual fire or explosion hazards.

5.3 Advice for Firefighters: Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Protection: Wear appropriate protective clothing - see Section 8.

6.2 Environmental Precautions: Do not discharge onto the ground or into watercourses.

6.3 Methods for Cleaning Up: Contain spillage using earth, sand or other inert material
Transfer to suitable sealed container prior to disposal.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Use appropriate protective clothing as indicated in Section 8. Wash hands after use.

7.2 Conditions for Safe Storage: Store unopened containers at room temperature. Do not allow to freeze. Once opened, store in a cool place and use within 4 weeks.

7.3 Specific End Uses: The substance is manufactured from food ingredients and it is for use as a processing aid during the manufacture of foodstuffs. It is therefore not subject to registration via REACH (Regulation (EC) No.1907/2006) for such uses. It should be used in accordance with applicable food legislation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters: Not applicable.

8.2 Exposure Controls

<u>Engineering Controls:</u>	Not required.
<u>Eye/Face Protection:</u>	Safety goggles if danger of splashing.
<u>Hand Protection:</u>	PVC, rubber, latex or nitrile gloves if danger of splashing.
<u>Skin Protection:</u>	Not normally required.
<u>Respiratory Protection:</u>	Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Creamy / pale yellow emulsion.
Odour:	Slight odour of hops.
Odour Threshold:	No data available
pH:	No data available
Freezing Point:	No data available
Boiling Point:	Not measured - product is an aqueous emulsion
Flash Point:	N/A - product is an aqueous emulsion
Evaporation Rate:	No data available)
Flammability:	Non flammable
Upper/Lower Flammability:	N/A
Vapour Pressure:	No data available
Vapour Density:	No data available
Density (kg/m³)	Not measured - available on request.
Solubility in Water:	Forms an emulsion
Partition Coefficient:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity at 20 °C:	1 - 5 mPa*s
Explosive properties:	None known
Oxidising properties:	None known

10. STABILITY AND REACTIVITY

10.1 Reactivity:	No reactivity hazards known
10.2 Chemical Stability:	Stable if stored in accordance with 7.2 and 10.5
10.3 Possibility of Hazardous Reactions:	None known.
10.4 Conditions to Avoid:	Avoid freezing. If the product does freeze, it can be re-dispersed by shaking or stirring once thawed.
10.5 Incompatible Materials:	Alkalis and mineral acids..
10.6 Hazardous Decomposition Products:	None known

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity:	No data available
11.2 Skin Corrosion/ Irritation	No data available
11.3 Serious Eye Damage/ Irritation:	No data available
11.4 Respiratory or Skin Sensitisation:	No data available
11.5 Germ Cell Mutagenicity:	No data available.
11.6 Carcinogenicity:	No data available
11.7 Reproductive Toxicity:	No data available
11.8 STOT-Single Exposure:	No data available
11.9 STOT-Repeated Exposure:	No data available
11.10 Aspiration Hazard:	No data available

12. ECOLOGICAL INFORMATION

12.1 Excotoxicity: No data available

12.2 Persistence and Degradability: No data available.

12.3 Bioaccumulative Potential: No data available.

12.4 Mobility in Soil: No data available

12.5 Results of PBT Exposure: And vPvB Assessment: No data available

12.6 Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Product disposal: Dispose in accordance with all applicable local and national regulations.

Container disposal: Labels should not be removed from containers until they have been cleaned. Contaminated containers should not be treated as household waste. Containers should be cleaned using appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

14. TRANSPORT INFORMATION

14.1 UN-Number: Non-hazardous for transport.

14.2 Shipping Name: N/A

14.3 Transport Hazard Class: Non-hazardous for transport.

14.4 Packing group: Non-hazardous for transport.

14.5 Marine pollutant: No data available

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations: Not classified (Regulation (EC) No. 1272/2008)
Not classified (Directive 67/548/EEC)
The substance is made from food ingredients and is for use in the manufacture of foodstuffs and is therefore not subject to registration via REACH (Regulation (EC) No. 1907/2006).

15.2 Chemical Safety Assessment: No data available

16. OTHER INFORMATIONS

The information in this safety data sheet is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on our present knowledge and should be used only as a supplement to information already in your possession concerning this product. It does not represent any guarantee of the properties of the product. The determination of whether and under what condition the product should be used is yours to make. We do not accept any liability for loss, injury or damage that may result from its use.