



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. HAZARD 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:

- Inhalation
 - Skin Contact
 - Eye Contact
 - Oral Ingestion
- N/A.
 - Wash skin thoroughly with soap and water.
 - Wash eye with plenty of water. Obtain medical attention if irritation persists.
 - 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

None known.

5 FIRE AID MEASURES

5.1 Extinguishing Media Carbon dioxide, dry powder, foam.

5.2 Special Hazards Arising from Substance No known unusable 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 for use as a food ingredient and for such uses is not subject to registration via REACH (Regulation (EC) No.1907/2006). 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:

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



9. PHYSICAL AND CHEMICAL PROPERTIES

a) Physical state	Emulsion
b) Color	Creamy / pale yellow
c) Odor	Slight odor of hops
d) Melting point/Freezing point	Not practical to measure
e) Boiling point	Not practical to measure
f) Flammability	Non flammable
g) Lower and upper explosion limit	Not practical to measure
h) Flash point	Not practical to measure
i) Auto-ignition temperature	Not practical to measure
j) Decomposition temperature	Not practical to measure
k) pH	Not practical to measure
l) Kinematic viscosity	1 – 5 mPa*s
m) Solubility	Forms a emulsion
n) Partition coefficient n-octanol/water (log value)	Not practical to measure
o) Vapor pressure	Not practical to measure



p) Density [kg/m³] Not practical to measure

q) Relative vapor density Not practical to measure

r) Particle characteristics Not practical to measure

10. STABILITY AND REACTIVITY

10.1 Reactivity No reactivity hazards known.

10.2 Chemical Stability Stable if stored according to Section 7.2 and 10.5

**10.3 Possibility of
Hazardous Reaction** 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** None known

**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
Sensitization** 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 Ecotoxicity 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: No data available

12.6 Other Adverse Effects Exposure No data available

13. DISPOSAL CONSIDERATIONS

13.1 Product Disposal Dispose in accordance with all applicable local and national regulations.

13.2 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 Assessments No data available

16. OTHER INFORMATION

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.