

# HopAid® Antifoam

## Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

<b>1.1 Product Identifier</b>	<b>HopAid® Antifoam</b>
<b>1.2 Synonyms</b>	N/A
<b>1.3 Relevant Uses</b>	<b>Food use:</b> for use as a processing aid to control foaming during fermentation for the production of beverages
<b>1.4 Supplier</b>	<b>BarthHaas / BarthHaas UK</b>
<b>1.5 Emergency Contact Details</b>	<b>BarthHaas / BarthHaas UK</b> 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: <a href="mailto:enquiries@barthhaas.co.uk">enquiries@barthhaas.co.uk</a>

### 2. HAZARD IDENTIFICATION

<b>2.1 Classification</b>	<b>Classification according to Regulation (EC) No 1272/2008:</b> Not classified <b>Classification according to EU Dangerous Substances Directive (67/548/EEC):</b> Not classified
<b>2.2 Label Elements</b>	N/A (not classified)
<b>2.3 Other Hazards</b>	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:**
- N/A.
  - Wash skin thoroughly with soap and water.
  - **Inhalation**
  - **Skin Contact**
  - **Eye Contact**
  - **Oral Ingestion**
  - 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** - Not normally required.
- **Respiratory Protection** - Not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

**p) Density [kg/m<sup>3</sup>]** 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.