

1. Identification of the Preparation and of the Company		
1.1 Product Identifier:	<b>HopAid® Antifoam</b>	
Other Names:	N/A	
1.2 Relevant Uses	<b>Food use:</b> for use as a processing aid to control foaming during fermentation for the production of beverages	
1.3 Supplier:	<b>BarthHaas / BarthHaas UK</b>	
1.4 Emergency Contact Details:	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. Hazards Identification		
2.1 Classification:	<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	
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:	N/A
	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 Indication of Immediate Medical Attention or Special Treatment:	None known.	

<b>5. Fire-Fighting Measures</b>		
5.1 Extinguishing media:	Carbon dioxide, dry powder, 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.	
<b>6. Accidental Release Measures</b>		
6.1 Personal Protection:	Wear appropriate protective clothing - see Section 8.	
6.2 Environmental Precautions:	Do not discharge into drains or watercourses.	
6.3 Methods for Cleaning Up:	Contain spillage using earth, sand or other inert material. Transfer to suitable sealed container prior to disposal.	
<b>7. Handling and Storage</b>		
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.	
<b>8. Exposure Controls / Personal Protection</b>		
8.1 Control Parameters:	Not applicable.	
8.2 Exposure Controls:	Engineering Controls:	Not required.
	Eye/Face Protection:	Safety glasses if danger of splashing.
	Hand Protection:	PVC, rubber or nitrile gloves if danger of splashing.
	Skin Protection:	Not normally required.
	Respiratory Protection:	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:	Not flammable.
Upper/Lower Flammability:	N/A
Vapour Pressure:	No data available.
Vapour Density:	No data available.
Density:	Not measured - available on request.
Solubility in Water:	Forms an emulsion.
Partition Coefficient:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity at 20 °C:	1 - 5 mPa*s
Explosive properties:	No data available.
Oxidising properties:	No data available.

## 10. Stability and Reactivity

10.1 Reactivity:	No reactivity hazards known.
10.2 Chemical Stability:	Stable if stored according to Section 7.2.
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.

<b>11. Toxicological Information</b>	
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.
<b>12. Ecological Information</b>	
12.1 Toxicity:	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 and vPvB Assessment:	No data available.
12.6 Other Adverse Effects:	No data available.
<b>13. Disposal Considerations</b>	
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.
<b>14. Transport Information</b>	
UN-Number:	Non-hazardous for transport
Class:	Non-hazardous for transport
Shipping name:	N/A
Packing group:	Non-hazardous for transport
Marine pollutant:	No data available
<b>15. Regulatory Information</b>	
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 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.