

LIPOHOP® C-Plus

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier: Lipohop® C-Plus

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:

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

Components: 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 Indications of

Immediate Medical

Attention or

Special Treatment:

None known.

5. FIRE AID MEASURES

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.

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:** Use appropriate protective clothing as indicated in Section 8. Wash hands after use.
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- 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 2 days.
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- 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.
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- 8.2 Exposure Controls**
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|-------------------------|---|
| 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:	No data available.
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.

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 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

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

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

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.