



Lipohop[®] K

Safety Data Sheet

Lipohop[®] K is not classified as a dangerous product according to GHS criteria, and it is used as a processing aid (antifoam) in the brewing of beer. However, this safety data sheet is provided voluntarily for information.

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier	Lipohop[®] K
1.2 Synonyms	Kettle antifoam
1.3 Relevant Uses	Food use: for use as a processing aid to control foaming during brewing of beer
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: sds@barthhaas.com

2. HAZARD IDENTIFICATION

2.1 Classification	Classification according to European Regulation (EC) No 1272/2008: <ul style="list-style-type: none">- Not classified Classification according to OSHA <ul style="list-style-type: none">- Not a hazardous substance
2.2 Label Elements	N/A (not classified)
2.3 Other Hazards	None



3. COMPONENTS/INFORMATION ON INGREDIENTS

Components De-oiled and de-bittered hop extract; CAS number not assigned.

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 a de-bittered, de-oiled hop extract. 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 in some individuals. May be a mild irritant to skin and eyes for some individuals.

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 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.
- 7.2 Conditions for Safe Storage** Store unopened containers at room temperature. Once opened, in a cool place and use within 2 days.
- 7.3 Specific End Uses** The substance 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 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** - Not normally required
 - **Hand Protection** - Material is non-hazardous but sticky so PVC, rubber or nitrile gloves to avoid residues on hand
 - **Skin Protection** - Not normally required
 - **Respiratory Protection** - Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|----------------------------|
| a) Physical state | Dark brown resin |
| b) Colour | Slight odour of hops |
| c) Odor | Not practical to measure |
| 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 | Not practical to measure |
| m) Solubility | Insoluble |
| n) Partition coefficient n-octanol/water (log value) | Not practical to measure |
| o) Vapor pressure | Not practical to measure |

- p) Density** 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.
- 10.3 Possibility of Hazardous Reaction** None known.
- 10.4 Conditions to Avoid** None known.
- 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 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 Non-hazardous for transport

14.3 Transport Hazard Class N/A

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 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 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.