Lipohop® K

Safety Data Sheet

Lipohop® K is not classified as a dangerous product according to European Union legislation, and it is used as a flavouring for food, for example in the brewing of beer. However, this safety data sheet is provided voluntarily according (as appropriate) to the principles of the Classification, Labelling and Packaging Regulations (Regulation (EC) No. 1272/2008).

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
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. HAZARD INDENTIFCATION

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 Hop lipids and resins

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 unusual fire or explosion hazards.

5.3 Advice for Firefighters Wear self-contained breathing apparatus.

6. ACCDIENTAL 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. Do not allow to freeze. Once opened, in a cool place and use within 2 days.

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 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 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

a) Physical state	Creamy / pale yellow emulsion
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 – product is an aqueous emulsion
f) Flammability	Not practical to measure – product is an aqueous emulsion
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 – available on request
m) Solubility	Forms an emulsion
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	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 Ski 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	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 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.