

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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BOTTOMING OUT KIT

Revision 1

Revision date 2013-10-28

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name BOTTOMING OUT KIT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description Beer line cleaner.

1.3. Details of the supplier of the safety data sheet

Company	Chemisphere UK Ltd
Address	Unit 4 No 3 Richmond Road Trafford Park Manchester M17 1RE UK
Web	www.chemisphereuk.co.uk
Telephone	0044 800 018 8062
Fax	0044 161 874 7201
Email	contactus@chemisphereuk.co.uk
Email address of the competent person	wilfw@chemisphereuk.co.uk

1.4. Emergency telephone number

Emergency telephone number	0044 800 018 8062
Company	Chemisphere UK Ltd Monday - Friday 08:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	C; R35 Symbols: C: Corrosive.
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Main hazards	Causes severe burns.
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2.2. Label elements

Symbols	C: Corrosive.
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Risk phrases	R35 - Causes severe burns.
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Safety phrases	S1/2 - Keep locked up and out of the reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
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2.2. Label elements

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
C6 alkyl glucoside		54549-24-5	259-217-6		1 - 10%	Xi; R41
Potassium Hydroxide	019-002-00-8	1310-58-3	215-181-3		10 - 20%	Xn; R22 C; R35
2-ethylhexanol ethoxylate					1 - 10%	Xi; R41
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	C; R35

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Keep the affected person warm and at rest. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Transfer to hospital for specialist examination.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do NOT induce vomiting. Drink 1 to 2 glasses of water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Risk of serious damage to eyes.
Skin contact	Causes severe burns.
Ingestion	Ingestion causes burns to the respiratory tract.

4.3. Indication of any immediate medical attention and special treatment needed

Treat according to symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing and eye/face protection. Evacuate the area immediately.

6.2. Environmental precautions

For large spills: Do not allow product to enter drains. For small spills: Flush down the drain with plenty of water.

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6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

For personal protection see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wear suitable gloves and eye/face protection. Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Ensure adequate ventilation of the working area. Do NOT mix with any other product.

7.2. Conditions for safe storage, including any incompatibilities

Keep locked up and out of the reach of children. Keep container tightly closed in a cool place. Keep only in original container.

7.3. Specific end use(s)

Beer line cleaning.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Potassium Hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2
Sodium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear suitable gloves and eye/face protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Yellow
Odour	Mild
pH	13.8
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	Not applicable.
Evaporation rate	No data available
Flammability limits	Not applicable.
Vapour Flammability	Not applicable.
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.17 (Water = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	No data available
Explosive	Not applicable.
Oxidising	Not applicable.
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

No further information available.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.5. Incompatible materials

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	Causes severe burns.
Serious eye damage/irritation	Causes severe burns.
Aspiration hazard	Causes severe burns.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

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12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	Readily biodegradable.
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12.3. Bioaccumulative potential

	Does not bioaccumulate.
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12.4. Mobility in soil

	Miscible in water.
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12.5. Results of PBT and vPvB assessment

	No data available.
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12.6. Other adverse effects

	Harmful to aquatic organisms. Toxic to fauna.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Do not empty into drains; dispose of this material and its container in a safe way.
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Disposal of packaging

	Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.
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Further information

	Disposal together with normal waste is not allowed.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN3266
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14.2. UN proper shipping name

	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Potassium Hydroxide)
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14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

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14.6. Special precautions for user

Warning! Corrosive substance.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

ADR/RID

Hazard ID 80

Tunnel Category (E)

IMDG

EmS Code F-A S-B

IATA

Packing Instruction (Cargo) 855

Maximum quantity 30 L

Packing Instruction (Passenger) 851

Maximum quantity 1 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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15.2. Chemical safety assessment

Caution - substance not yet fully tested.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (Flash point). 9 - 9.1. Information on basic physical and chemical properties (Oxidising). 15 - Safety phrases.
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Text of risk phrases in Section 3	R22 - Harmful if swallowed. R35 - Causes severe burns. R41 - Risk of serious damage to eyes.
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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