



SAFETY DATA SHEET

Knaus Hob Cleaner

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

1.1. Product identifier

Product name	Knaus Hob Cleaner
Product number	FRM/01032/01
Container size	300mL
UFI	UFI: PTU8-103Q-P00V-UA8M

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

Identified uses	Cleaning agent.
Uses advised against	Not to be used in any other way than instructed on product packaging.

1.3. Details of the supplier of the safety data sheet

Supplier	Challs International Ltd UK ADDRESS: Unit 46 Lady Lane Industrial Estate Hadleigh Suffolk IP7 6BQ Contact Number: +44 1473 828700 Contact Email: sales@challs.com
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EU ADDRESS:
1 Drummartin Road
Dundrum
Dublin 14
D14 C3YO
Contact Number: +353 12960842
Contact Email: sales@challs.com

Manufacturer	Challs International Group Ltd Unit 46 Lady Lane Industrial Estate Hadleigh Suffolk IP7 6BQ 01473 820999 sales@challs.com
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1.4. Emergency telephone number

National emergency telephone number	(01) 809 2166 - Poisons Information Centre of Ireland Office Hours: Daily 8am-10pm 030 - 192 40 - Giftnotruf der Charité Universitätsmedizin Berlin 13 1126 (24 hours) Australian National Poisons Centre
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Warning
Hazard statements	EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. H315 Causes skin irritation.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. Always store upright in a cool, dry, well-ventilated place. P501 Dispose of contents/ container in accordance with national regulations.
Detergent labelling	< 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes, Contains 1,2-benzisothiazol-3(2H)-one (=Benzisothiazolinone), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (=Laurylamine Dipropylenediamine), Pyridine-2-thiol 1-oxide, sodium salt (=Sodium Pyrithione)

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

2-(2-butoxyethoxy)ethanol	5-10%
CAS number: 112-34-5	EC number: 203-961-6
Classification	
Eye Irrit. 2 - H319	

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1,2-benzisothiazol-3(2H)-one	<1%
CAS number: 2634-33-5	EC number: 220-120-9
M factor (Acute) = 10	

Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	

Pyridine-2-thiol 1-oxide, sodium salt	<1%
CAS number: 3811-73-2	EC number: 223-296-5
M factor (Acute) = 100	M factor (Chronic) = 10

Classification	
Acute Tox. 4 - H302	
Acute Tox. 3 - H311	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Due to the physical nature of this product, exposure by this route is unlikely. Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Do not induce vomiting. Give plenty of water to drink. Get medical attention if symptoms are severe or persist.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if symptoms are severe or persist.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist.

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

General information	The product is considered to be a low hazard under normal conditions of use. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Water spray, foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

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Specific hazards None known.

5.3. Advice for firefighters

Special protective equipment for firefighters Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions The product is not expected to be hazardous to the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage to prevent material damage. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections See Section 1 for emergency contact information. For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Avoid breathing spray. Do not mix with other chemicals

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container in a cool, well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Eye/face protection Wear eye protection.

Hand protection Wear protective gloves.

Hygiene measures Do not eat, drink or smoke when using this product.

Respiratory protection Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Knaus Hob Cleaner

Appearance	Clear, yellowish liquid.
Colour	Colourless to pale yellow.
Odour	Mint.
pH	pH (concentrated solution): 10.5 - 11.5
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Relative density	~ 1.01 @ 20°C
Solubility(ies)	Soluble in water. Alcohols.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Particle size	Not applicable.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
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10.4. Conditions to avoid

Conditions to avoid	No specific requirements are anticipated under normal conditions of use.
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10.5. Incompatible materials

Materials to avoid	Do not mix with other household chemical products.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	May cause coughing and difficulties in breathing.
Ingestion	Do not induce vomiting. May cause nausea, headache, dizziness and intoxication.
Skin contact	May cause sensitisation by skin contact. May cause irritation.
Eye contact	May cause eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity	The product components are not classified as environmentally hazardous.
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12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

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National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended).
Dangerous Substances and Explosive Atmospheres Regulations 2002.
EH40/2005 Workplace exposure limits.
Health and Safety at Work etc. Act 1974 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 24/03/2022

Revision 1.0

SDS number 5455

Hazard statements in full

H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.