

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

#### 1.1. Product identifier

Product form	: Mixture
Product name	: HG drain and plug hair unblocker - component 2
Product code	: 670 ART (667 ART)
Type of product	: Detergent
Product group	: Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public	
Main use category	: Consumer use
Function or use category	: Drain cleaning products

##### 1.2.2. Uses advised against

Restrictions on use	: All other uses not recommended above
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#### 1.3. Details of the supplier of the safety data sheet

<b>Manufacturer</b>	<b>Distributor</b>
HG International B.V.	HG UKI LTD
P.J. Oudweg 41	Weston Business Centre
NL– 1314 CJ Almere	Parsonage Road
The Netherlands	UK– CM22 6PU Takeley – Essex
T +31 (0)36 54 94 700	United Kingdom
<a href="mailto:safety@hg.eu">safety@hg.eu</a> - <a href="http://www.hg.eu">www.hg.eu</a>	T +44 (0) 1206 822 744
	<a href="http://www.hg.eu">www.hg.eu</a>

#### 1.4. Emergency telephone number

Emergency number	: +31 (0)36 54 94 777
	Only for medical personnel
	Mon-Fri 09:00 AM - 05:00 PM (CEST)

Country/Area	Organisation	Emergency number
United Kingdom	National Poisons Information Service (Birmingham Centre). City Hospital. Dudley Road B18 7QH.	0344 892 0111 Only for healthcare professionals
	Guy's & St Thomas' Poisons Unit. Medical Toxicology Unit. Guy's & St Thomas' Hospital Trust. Avonley Road SE14 5ER.	+44 20 7188 7188

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to GB CLP (SI 2019:720 as amended)

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
Full text of H- and EUH-statements: see section 16	

##### Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.

# HG drain and plug hair unblocker - component 2

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### 2.2. Label elements

#### Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GB CLP) :



GHS05

GHS07

Signal word (GB CLP) :

Danger

Contains :

potassium hydroxide; caustic potash

Hazard statements (GB CLP) :

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

Precautionary statements (GB CLP) :

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P301+P312 - IF SWALLOWED: Call a POISON CENTER, doctor if you feel unwell.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Child-resistant fastening :

Applicable

Tactile warning :

Applicable

### 2.3. Other hazards

#### Results of PBT and vPvB assessment

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with UK REACH Annex XIII

#### Results of Endocrine Disruptor assessment

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
potassium hydroxide; caustic potash substance with workplace exposure limit(s)	CAS-No.: 1310-58-3 EC-No.: 215-181-3	$\geq 15 - < 16.99$	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1, H314 Eye Dam. 1, H318
Sodium hydroxide; caustic soda substance with workplace exposure limit(s)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 UK Index-No.: 011-002-00-6	$\geq 10 - < 15$	Skin Corr. 1, H314 Eye Dam. 1, H318
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS-No.: 68515-73-1 EC-No.: 500-220-1	$\geq 2 - < 5$	Eye Dam. 1, H318

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 UK Index-No.: 011-002-00-6	(0,5 ≤ C < 2) Skin Irrit. 2; H315 (0,5 ≤ C < 2) Eye Irrit. 2; H319 (2 ≤ C < 5) Skin Corr. 1B; H314 (5 ≤ C ≤ 100) Skin Corr. 1A; H314
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS-No.: 68515-73-1 EC-No.: 500-220-1	(10 ≤ C < 55) Eye Irrit. 2; H319 (55 ≤ C < 100) Eye Dam. 1; H318

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.
Self protection of the first-aiders	: First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. Burns.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. May release : Corrosive vapours.

### 5.3. Advice for firefighters

Precautionary measures fire	: Runoff from fire control or dilution water may cause pollution. Runoff could create fire or explosion hazard.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe gas, vapours, mist. Avoid contact with skin, eyes and clothing. Evacuate unnecessary personnel. Keep unnecessary and unprotected personnel away from the spillage.
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### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not breathe gas, mist, vapours. Wear personal protective equipment. Avoid contact with skin, eyes and clothing.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Keep only in original container. Protect from sunlight. Store in a well-ventilated place.  
Incompatible materials : Acid.  
Storage temperature : 0 – 30 °C  
Heat and ignition sources : Keep away from heat and direct sunlight.  
Special rules on packaging : Opened containers must be carefully closed and kept upright to avoid leakage.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

potassium hydroxide; caustic potash (1310-58-3)	
United Kingdom - Occupational Exposure Limits	
Local name	Potassium hydroxide
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Sodium hydroxide; caustic soda (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

HG drain and plug hair unblocker - component 2	
<b>DNEL/DMEL (Workers)</b>	
Long-term - local effects, inhalation	1 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - local effects, inhalation	1 mg/m <sup>3</sup>

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses	Normal use conditions		EN 166

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

Skin and body protection	
Type	Standard
Use chemically protective clothing	EN 13034
Long sleeved protective clothing	
Chemical resistant safety shoes	

#### Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35 mm		EN ISO 374
Disposable gloves	Butyl rubber	6 (> 480 minutes)	0.5 mm		EN ISO 374

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### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

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

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Odour	: Odourless.
Odour threshold	: Not available
pH	: 14
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flash point	: Not available
	Not sustained combustibility
Flammability	: Not available
Explosive limits	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Relative vapour density at 20°C	: Not available
Relative density	: 1.3
Density	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: Not available
Explosive properties	: Not available

### 9.2. Other information

Particle characteristics : Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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### 10.5. Incompatible materials

Acids.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Attacks many metals forming flammable/explosive gas (HYDROGEN!).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified (Conclusive but not sufficient for classification)  
Acute toxicity (inhalation) : Not classified (Conclusive but not sufficient for classification)

#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg bodyweight

Skin corrosion/irritation : Causes severe skin burns.  
pH: 14

#### potassium hydroxide; caustic potash (1310-58-3)

pH	≈ 13,5 Temp.: 25 °C Concentration: 5,611 g/L Remarks on result: 'other:'
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#### Sodium hydroxide; caustic soda (1310-73-2)

pH	> 14
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Serious eye damage/irritation : Causes serious eye damage.  
pH: 14

#### potassium hydroxide; caustic potash (1310-58-3)

pH	≈ 13,5 Temp.: 25 °C Concentration: 5,611 g/L Remarks on result: 'other:'
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#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

<tx	_CONCENTRATION><tx: _H_318> >55% <100%
<tx	_CONCENTRATION><tx: _EIGA0327> >10% <55%
Additional information	Bovine Corneal Opacity and Permeability Test Method. (OECD 437 method). Specific concentration limits

#### Sodium hydroxide; caustic soda (1310-73-2)

pH	> 14
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Respiratory or skin sensitisation : Not classified (Conclusive but not sufficient for classification)  
Germ cell mutagenicity : Not classified (Conclusive but not sufficient for classification)  
Carcinogenicity : Not classified (Conclusive but not sufficient for classification)  
Reproductive toxicity : Not classified (Conclusive but not sufficient for classification)  
STOT-single exposure : Not classified (Conclusive but not sufficient for classification)  
STOT-repeated exposure : Not classified (Conclusive but not sufficient for classification)

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<b>D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)</b>	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard : Not classified (Conclusive but not sufficient for classification)

<b>potassium hydroxide; caustic potash (1310-58-3)</b>	
Viscosity, kinematic	1.252 mm <sup>2</sup> /s

### Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Conclusive but not sufficient for classification)  
Hazardous to the aquatic environment, long-term (chronic) : Not classified (Conclusive but not sufficient for classification)

<b>potassium hydroxide; caustic potash (1310-58-3)</b>	
LC50 - Fish [1]	80 mg/l

<b>D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)</b>	
LC50 - Fish [1]	100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	31.62 mg/l (OECD 202 method)
EC50 - Other aquatic organisms [1]	> 100 mg/l waterflea
EC50 - Other aquatic organisms [2]	27.2 mg/l
EC50 72h - Algae [1]	27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC chronic fish	1.8 mg/l Brachydanio rerio (zebra-fish)
NOEC chronic crustacea	2 mg/l Daphnia magna (Water flea)

<b>Sodium hydroxide; caustic soda (1310-73-2)</b>	
LC50 - Fish [1]	> 35 mg/l
EC50 - Crustacea [1]	40.4 mg/l Test organisms (species): Ceriodaphnia sp.
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea

### 12.2. Persistence and degradability

<b>HG drain and plug hair unblocker - component 2</b>	
Persistence and degradability	Inorganic compound.

<b>potassium hydroxide; caustic potash (1310-58-3)</b>	
Persistence and degradability	Rapidly degradable

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D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)	
Persistence and degradability	Readily biodegradable.
Biodegradation	100 % (OECD 301E method)
Sodium hydroxide; caustic soda (1310-73-2)	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

HG drain and plug hair unblocker - component 2	
Bioaccumulative potential	No bioaccumulation potential.
potassium hydroxide; caustic potash (1310-58-3)	
Partition coefficient n-octanol/water (Log Pow)	0.75
D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)	
Bioconcentration factor (BCF REACH)	< 100
Partition coefficient n-octanol/water (Log Kow)	≤ -0.07 at 20 °C
Sodium hydroxide; caustic soda (1310-73-2)	
Partition coefficient n-octanol/water (Log Pow)	-3.88

### 12.4. Mobility in soil

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)	
Mobility in soil	0.2624 Source: EPISUITE

### 12.5. Results of PBT and vPvB assessment

Component	
potassium hydroxide; caustic potash (1310-58-3)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
Sodium hydroxide; caustic soda (1310-73-2)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII

### 12.6. Other adverse effects

Ozone : Not classified (Conclusive but not sufficient for classification)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Ecological waste information : Avoid release to the environment.  
HP Code : HP8 - "Corrosive:" waste which on application can cause skin corrosion.






## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

# HG drain and plug hair unblocker - component 2

## Safety Data Sheet

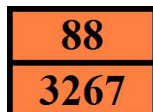
According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 3267	UN 3267	UN 3267	UN 3267	UN 3267
<b>14.2. UN proper shipping name</b>				
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda)	Corrosive liquid, basic, organic, n.o.s. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda)
<b>Transport document description</b>				
UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda), 8, II, (E)	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda), 8, II	UN 3267 Corrosive liquid, basic, organic, n.o.s. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda), 8, II	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda), 8, II	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (potassium hydroxide; caustic potash ; Sodium hydroxide; caustic soda), 8, II
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
II	II	II	II	II
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : C7  
 Special provisions (ADR) : 274  
 Limited quantities (ADR) : 11  
 Excepted quantities (ADR) : E2  
 Packing instructions (ADR) : P001  
 Mixed packing provisions (ADR) : MP15  
 Portable tank and bulk container instructions (ADR) : T14  
 Portable tank and bulk container special provisions (ADR) : TP2, TP27  
 Tank code (ADR) : L10BH  
 Vehicle for tank carriage : AT  
 Transport category (ADR) : 1  
 Special provisions for carriage - Operation (ADR) : S20  
 Hazard identification number (Kemler No.) : 88  
 Orange plates :



Tunnel restriction code (ADR) : E

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EAC code : 2X  
APP code : B

### Transport by sea

Special provisions (IMDG) : 274  
Limited quantities (IMDG) : 0  
Excepted quantities (IMDG) : E0  
Packing instructions (IMDG) : P001  
Tank instructions (IMDG) : T14  
Tank special provisions (IMDG) : TP2, TP27  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : B  
Stowage and handling (IMDG) : SW2  
Segregation (IMDG) : SGG18, SG35  
Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA) : E0  
PCA Limited quantities (IATA) : Forbidden  
PCA limited quantity max net quantity (IATA) : Forbidden  
PCA packing instructions (IATA) : 850  
PCA max net quantity (IATA) : 0.5L  
CAO packing instructions (IATA) : 854  
CAO max net quantity (IATA) : 2.5L  
Special provisions (IATA) : A3, A803  
ERG code (IATA) : 8L

### Inland waterway transport

Classification code (ADN) : C7  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 0  
Excepted quantities (ADN) : E0  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C7  
Special provisions (RID) : 274  
Limited quantities (RID) : 0  
Excepted quantities (RID) : E0  
Packing instructions (RID) : P001  
Mixed packing provisions (RID) : MP8, MP17  
Portable tank and bulk container instructions (RID) : T14  
Portable tank and bulk container special provisions (RID) : TP2, TP27  
Tank codes for RID tanks (RID) : L10BH  
Special provisions for RID tanks (RID) : TU38, TE22  
Transport category (RID) : 1  
Hazard identification number (RID) : 88

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

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. National regulations

###### UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

###### UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

###### UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC).

###### Detergent Regulation (EC 648/2004)

Contains no ingredient(s) required to be listed according to the Detergent Regulation (648/2004).

###### GB PIC Regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

###### POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

###### Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

###### Control of Poisons and Explosives Precursors Act

This product contains substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure: Potassium hydroxide - 1310-58-3 (17 % of total caustic alkalinity), Sodium hydroxide - 1310-73-2 (12 % of total caustic alkalinity)

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

###### Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

##### 15.1.2. Other Information

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

#### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
BS EN	British Standard
CAS-No.	Chemical Abstracts Service number
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level

# HG drain and plug hair unblocker - component 2

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

Abbreviations and acronyms:	
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative

Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging. Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1

# HG drain and plug hair unblocker - component 2

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

Full text of H- and EUH-statements:	
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Acute Tox. 4 (Oral)	H302	Calculation method
Skin Corr. 1	H314	On basis of test data
Eye Dam. 1	H318	On basis of test data

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.