

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 05/07/2017 Revision date: 17/01/2023 Supersedes version of: 03/12/2020 Version: 7.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: Sinks, Showers & Baths Unblocker
UFI	: RY10-H0HS-N00Y-MJ3N
Product code	: KOKBGEN

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	: Professional use,Consumer use
Use of the substance/mixture	: Cleaning agent for unblocking waste pipes
Use of the substance/mixture	: Cleaning/washing agents and additives

1.2.2. Uses advised against

Restrictions on use

: THIS PRODUCT IS A CORROSIVE PRODUCT UNDER UK OFFENSIVE WEAPONS ACT 2019. SALE OR DELIVERY TO SOMEONE UNDER THE AGE OF 18 YEARS OLD IS RESTRICTED.

1.3. Details of the supplier of the safety data sheet

Supplier	EU
J.V. Barrett & Co. Ltd Ltd	Barrettine (Europe) Ltd Ltd
St Ivel Way Warmley	Unit 3D North Point House, North Point Business Park, New Mallow Road
United Kingdom– BS30 8TY Bristol	Ireland– T23 AT2P Cork
United Kingdom	Ireland
T +44 (0)1179 60 00 60	T +353 21 206 6530
sales@barrettine.co.uk - www.barrettine.co.uk	sales@barrettine.co.uk - www.barrettine.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification		
2.1. Classification of the substance or mixture		
Classification according to Regulation (EC) No. 1272/2008 [CLP		
Skin corrosion/irritation, Category 1, Sub-Category 1A	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

Causes severe skin burns and eye damage. Causes serious eye damage.

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2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) : GHS05 Signal word (CLP) : Danger Contains : Sodium hydroxide Hazard statements (CLP) : H141 - Causes severe skin burns and eye damage. Precautionary statements (CLP) : H141 - Causes severe skin burns and eye damage. Precautionary statements (CLP) : H101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P261 - Avoid breathing mist, spray. P261 - Avoid breathing mist, spray. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER, a doctor. P303+P351+P3530+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER, a doctor. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER, a doctor. P305 - Store locked up. 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		
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child-resistant fastening accordance with local, regional, national and/or international regulation. child-resistant fastening : Applicable		•
Child-resistant fastening : Applicable		
o		
Tactile warning : Applicable	6	
	Tactile warning	: Applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	≥ 30 – < 50	Skin Corr. 1A, H314

· · · · · · · · · · · · · · · · · · ·	Specific concentration limits
Sodium hydroxida CAS No : 1210 72 2 (0	
EC-No.: 215-185-5 (0 EC Index-No.: 011-002-00-6 (2	(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

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

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell.
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.
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	: 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 substa	nce or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measu	ires
6.1. Personal precautions, protective equip	pment and emergency procedures
6.1.1. For non-emergency personnel Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours, spray.
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	t and cleaning up
Methods for cleaning up Other information	Take up liquid spill into absorbent material.Dispose of materials or solid residues at an authorised site.
6.4. Reference to other sections	

For further information refer to section 13.

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SECTION 7: Handling and stora	age
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe vapours, spray. Wear personal protective equipment.
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. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

OF OTION 0.	Exposure controls	
SECTION 8.		

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Sodium hydroxide (1310-73-2)		
United Kingdom - Occupational Exposure Limits		
Local name Sodium hydroxide		
WEL STEL (OEL STEL) 2 mg/m ³		
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE		

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

No additional information available

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:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Protective goggles. Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. Corrosive chemical-resistant protective suit

Hand protection:

Protective gloves. Wear chemically resistant gloves tested to EN374

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Repeated or prolonged exposure, In case of contact through splashing	Nitrile rubber (NBR), Chloroprene rubber (CR)	6 (> 480 minutes)	0.65		EN 374-2, EN 374-3
In case of contact through splashing, Repeated or prolonged exposure	Polyvinylchloride (PVC), Butyl rubber, Viton® II	6 (> 480 minutes)	0.5		EN 374-2, EN 374-3

Other skin protection

Materials for protective clothing:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
рН	: ≤14@1%
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1.1
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

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9.2. Other information

No additional information available

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).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information			
11.1 Information on toxicological effects			
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified 		
Sodium hydroxide (1310-73-2)			
LD50 oral rat	140 – 340 mg/kg Source: ECHA		
LD50 dermal rabbit	1350 mg/kg Source: HSDB		
Skin corrosion/irritation	: Causes severe skin burns. pH: ≤ 14 @1%		
Sodium hydroxide (1310-73-2)			
рН	1.5 Source: HSDB		
Serious eye damage/irritation	: Causes serious eye damage. pH: ≤ 14 @1%		
Sodium hydroxide (1310-73-2)			
рН	1.5 Source: HSDB		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Not classified		
Aspiration hazard	: Not classified		

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SECTION 12: Ecological information				
12.1. Toxicity				
Ecology - general : Hazardous to the aquatic environment, short-term : (acute) Hazardous to the aquatic environment, long-term : (chronic) Not rapidly degradable	Before neutralisation, the product may represent a danger to aquatic organisms. Not classified Not classified			
Sodium hydroxide (1310-73-2)				
LC50 - Fish [1]	125 mg/l			
EC50 - Crustacea [1]	40.4 mg/l Test organisms (species): Ceriodaphnia sp.			
12.2. Persistence and degradability				
No additional information available				
12.3. Bioaccumulative potential				
Sodium hydroxide (1310-73-2)				
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC			
12.4. Mobility in soil				
No additional information available				
12.5. Results of PBT and vPvB assessment				
Sinks, Showers & Baths Unblocker				
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII				
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII				
12.6. Other adverse effects				
No additional information available				

SECTION 13: Disposal considerations					
13.1. Waste treatment methods					
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.				

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID					
ADR	IMDG IATA ADN		RID		
14.1. UN number					
UN 1824 UN 1824 UN 1824 UN 1824 UN 1824					
14.2. UN proper shipping name					
SODIUM HYDROXIDE SOLUTION	SODIUM HYDROXIDE SOLUTION	Sodium hydroxide solution	SODIUM HYDROXIDE SOLUTION	SODIUM HYDROXIDE SOLUTION	

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ADR	IMDG IATA ADN		RID	
Transport document descri	iption			
UN 1824 SODIUM HYDROXIDE SOLUTION, 8, II, (E)	UN 1824 SODIUM HYDROXIDE SOLUTION, 8, II	UN 1824 Sodium hydroxide solution, 8, II	UN 1824 SODIUM HYDROXIDE SOLUTION, 8, II	UN 1824 SODIUM HYDROXIDE SOLUTIC 8, II
14.3. Transport hazard o	lass(es)			
8	8	8	8	8
8	B	B	B	R B
14.4. Packing group				
П	Ш	П	II	П
14.5. Environmental haz	ards			
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 informatio	n ovoilabla			

14.6. Special precautions for user

Overland transport

Overland transport		
Classification code (ADR)	:	C5
Limited quantities (ADR)	:	11
Excepted quantities (ADR)	:	E2
Packing instructions (ADR)	:	P001, IBC02
Mixed packing provisions (ADR)	:	MP15
Portable tank and bulk container instructions (ADR)	:	T7
Portable tank and bulk container special provisions (ADR)	:	TP2
Tank code (ADR)	:	L4BN
Tank special provisions (ADR)	:	TU42
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	2
Hazard identification number (Kemler No.)	:	80
Orange plates	:	80 1824
		10 2 4
Tunnel restriction code (ADR) EAC code	:	2R
T		
Transport by sea		4.1
Limited quantities (IMDG)	÷	1 L
Excepted quantities (IMDG)	÷	E2
Packing instructions (IMDG)	:	P001
IBC packing instructions (IMDG)	÷	IBC02
Tank instructions (IMDG)	÷	T7
Tank special provisions (IMDG)	:	TP2
EmS-No. (Fire)	:	F-A
EmS-No. (Spillage)	:	S-B
Stowage category (IMDG)	:	
Segregation (IMDG)	:	SGG18, SG35
Properties and observations (IMDG)	:	Colourless liquid. Colou gas. Causes burns to sl

Colourless liquid. Colourless liquid. Reacts with ammonium salts, evolving ammonia gas. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.

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Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)		E2 Y840 0.5L 851 1L 855 30L A3, A803 8L
Inland waterway transport Classification code (ADN) Limited quantities (ADN) Excepted quantities (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	:	C5 1 L E2 PP, EP 0
Rail transport Classification code (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Portable tank and bulk container special provisions (RID) Portable tank and bulk container special provisions (RID) Portable tank codes for RID tanks (RID)		C5 1L E2 P001, IBC02 MP15 T7 TP2 L4BN
Special provisions for RID tanks (RID) Transport category (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	:	TU42 2 CE6 80

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

New format.

Indication of changes				
Section Changed item Change Comments				
1.3	Additional information	Added	Barrettine (Europe) Ltd	

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	
BLV	Biological limit value	
CAS-No.	Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
EC-No.	European Community number	
EN	European Standard	
ΙΑΤΑ	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	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	

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Abbreviations and acronyms:	
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.