

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 24/07/2023

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

1.1. Product identifier

Product form Product name Type of product Other means of identification : Mixture : Kilrock Tile & Stone Floor Cleaner Detergent : UFI: 9A00-C0F3-3000-QE4W

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 Use of the substance/mixture

: Consumer use : Spray, mop

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Kilrock Products Ltd Units 1b/2b Alma Road ind Est HP5 3HB Chesham - United Kingdom T +44 (0)1494 793900 velda@kilrock.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0)1494 793900

SECTION 2: Hazards identificatio	n
2.1. Classification of the substance o	r mixture
Classification according to Regulation (EC Serious eye damage/eye irritation, Category 2 Full text of H statements : see section 16	
Adverse physicochemical, human health a Causes serious eye irritation.	and environmental effects
2.2. Label elements	
Labelling according to Regulation (EC) No Hazard pictograms (CLP)	GHS07
Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP)	 Warning H319 - Causes serious eye irritation. P102 - Keep out of reach of children. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear eye protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
EUH-statements Child-resistant fastening	: EUH208 - Contains BENZISOTHIAZOLINONE. May produce an allergic reaction. : Not applicable

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Tactile warning

: Not applicable

2.3. Other hazards

No additional information available

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]
ALCOHOLS, C9-11-ISO C10, RICH ETHOXYLATED	CAS-No.: 78330-20-8 EC-No.: 616-607-4	1 – 10	Eye Dam. 1, H318
Ethylene Glycol Monobutyl Ether substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108- 36-XXXX	1 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540- 60-XXXX	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Diethyl phthalate substance with national workplace exposure limit(s) (GB)	CAS-No.: 84-66-2 EC-No.: 201-550-6 REACH-no: 01-2119486682- 27-XXXX	< 0.1	Not classified
Sodium hydroxide substance with national workplace exposure limit(s) (GB)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27-XXXX	< 0.1	Skin Corr. 1A, H314

Specific concentration limits		
Name	Product identifier	Specific concentration limits
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540- 60-XXXX	(0.05 ≤C ≤ 100) Skin Sens. 1, H317
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27-XXXX	(0.5 ≤C < 2) Eye Irrit. 2, H319 (0.5 ≤C < 2) Skin Irrit. 2, H315 (2 ≤C < 5) Skin Corr. 1B, H314 (5 ≤C ≤ 100) Skin Corr. 1A, H314

Full text of H-statements: see section 16

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact	 IF exposed or concerned: Get medical advice/attention. Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion 4.2. Most important symptoms and effe	: Call a poison center or a doctor if you feel unwell.
Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion	 May be irritating to the respiratory system. May cause irritation to skin. Causes eye irritation. May cause irritation to the digestive tract.

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 Unsuitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.: Do not use a heavy water stream.		
5.2. Special hazards arising from the substance or mixture			
Fire hazard Explosion hazard Reactivity in case of fire Hazardous decomposition products in case of fire	 No fire hazard. No direct explosion hazard. None. Toxic fumes may be released. 		
5.3. Advice for firefighters			
Precautionary measures fire Firefighting instructions Protection during firefighting	 Exercise caution when fighting any chemical fire. Fight fire with normal precautions from a reasonable distance. Do not attempt to take action without suitable protective equipment. 		

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equ	uipment and emergency procedures	
General measures	: Avoid contact with skin and eyes.	
6.1.1. For non-emergency personnel		
Protective equipment Emergency procedures	Wear suitable protective clothing, gloves and eye or face protection.Ventilate spillage area. Avoid contact with skin and eyes.	
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".	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containme	nt and cleaning up	
For containment	: Absorb spillage.	

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Other information

: Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections

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

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling	 Not expected to present a significant hazard under anticipated conditions of normal use. Ensure adequate ventilation. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	ng any incompatibilities
Technical measures	: Does not require any specific or particular technical measures.
Storage conditions	: Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong acids. Strong bases.
Incompatible materials	: Direct sunlight.
Storage area	: Store in a well-ventilated place.
Packaging materials	: Keep only in original container.
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

Diethyl phthalate (84-66-2)		
United Kingdom - Occupational Exposure Limits		
Local name	Diethyl phthalate	
WEL TWA (OEL TWA) [1]	5 mg/m³	
WEL STEL (OEL STEL)	10 mg/m ³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Sodium hydroxide (1310-73-2)		
United Kingdom - Occupational Exposure Limits		
Local name	Sodium hydroxide	
WEL STEL (OEL STEL)	2 mg/m³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Ethylene Glycol Monobutyl Ether (111-76-2)		
United Kingdom - Occupational Exposure Limits		
Local name	2-Butoxyethanol	
WEL TWA (OEL TWA) [1]	123 mg/m ³	
WEL TWA (OEL TWA) [2]	25 ppm	
WEL STEL (OEL STEL)	246 mg/m ³	

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Ethylene Glycol Monobutyl Ether (111-76-2)		
WEL STEL (OEL STEL) [ppm]	50 ppm	
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
United Kingdom - Biological limit values		
Local name	2-Butoxyethanol	
BMGV	240 mmol/mol Creatinine Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift	
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 adequate ventilation.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure. PPE compliant to the recommended EN/ISO or equivalent standards should be selected.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

Skin and body protection: Not required for normal conditions of use

Hand protection: Not required for normal conditions of use. In case of repeated or prolonged contact wear gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

8.2.2.4. Thermal hazards

No additional information available

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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 Appearance	: Liquid : Clear to cloudy.
Colour	: Colourless.
Odour	: Citrus.
Odour threshold	: No data available
pH	: No data available
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	: No data available
Solubility	: completely miscible.
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	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

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

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

No additional information available

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SECTION 11: Toxicological information			
11.1. Information on toxicological effects	11.1. Information on toxicological effects		
Acute toxicity (dermal) :	Not classified Not classified Not classified		
1,2-benzisothiazol-3(2H)-one (2634-33-5)			
LD50 oral	1020 mg/kg bodyweight		
LD50 dermal	4115 mg/kg bodyweight		
LC50 Inhalation - Rat (Dust/Mist)	100 mg/l		
ALCOHOLS, C9-11-ISO C10, RICH ETHOXYLATED (78330-20-8)			
LD50 oral rat	2000 mg/kg		
Ethylene Glycol Monobutyl Ether (111-76-2)			
LD50 oral rat	1414 mg/kg		
LD50 oral	1746 mg/kg bodyweight		
LD50 dermal	435 mg/kg bodyweight		
LC50 Inhalation - Rat (Dust/Mist)	2200 mg/l		
LC50 Inhalation - Rat (Vapours)	11 mg/l/4h		
Serious eye damage/irritation:Respiratory or skin sensitisation:Germ cell mutagenicity:Carcinogenicity:Reproductive toxicity:STOT-single exposure:STOT-repeated exposure:	Not classified Causes serious eye irritation. Not classified Not classified Not classified Not classified Not classified Not classified		

SECTION 12: Ecological information

12.1. Toxicity Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Not classified (chronic) 1,2-benzisothiazol-3(2H)-one (2634-33-5) LC50 - Fish [1] 2.18 mg/l 2.94 mg/l waterflea EC50 - Other aquatic organisms [1] EC50 - Other aquatic organisms [2] 0.11 mg/l Sodium hydroxide (1310-73-2) 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

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Ethylene Glycol Monobutyl Ether (111-76-2)		
LC50 - Fish [1]	1464 mg/l	
EC50 - Other aquatic organisms [1]	1550 mg/l waterflea	
EC50 - Other aquatic organisms [2]	911 mg/l	
12.2. Persistence and degradability		
No additional information available		
12.3. Bioaccumulative potential		
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
Partition coefficient n-octanol/water (Log Pow)	1.3	
Sodium hydroxide (1310-73-2)		
Partition coefficient n-octanol/water (Log Pow)	-3.88	
Ethylene Glycol Monobutyl Ether (111-76-2)		
Partition coefficient n-octanol/water (Log Pow)	0.8	
12.4. Mobility in soil		

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	5
13.1. Waste treatment methods	
Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping	name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard cl	lass(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group		·	·	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Allergenic fragrances > 0,01%: LIMONENE

LIMONENE

Detergent Regulation (648/2004/EC): Ingredient data sheet		
Component	CAS-No.	%
AQUA	7732-18-5	≥10%
ALCOHOLS, C9-11-ISO C10, RICH ETHOXYLATED	78330-20-8	1 - 10%
Resaquest ECO		1 - 10%
BUTOXYETHANOL	111-76-2	1 - 10%
Nopol ethoxylated propoxylated	174955-61-4	0.1 - 1%
Parfum		0.1 - 1%
LIMONENE	5989-27-5	<0.1%
BENZISOTHIAZOLINONE	2634-33-5	<0.1%
SODIUM HYDROXIDE	1310-73-2	<0.1%

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Detergent Regulation (648/2004/EC): Labelling of contents	
Component	%
BENZISOTHIAZOLINONE	
perfumes	
LIMONENE	
	·

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	
Full text of H- and EUH-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
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
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
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.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains BENZISOTHIAZOLINONE. May produce an allergic reaction.

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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.