

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

1.1. Product identifier

Product name: RBS GREENPAVE BLOCK SEALER

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

Use of substance / mixture: PC15: Non-metal-surface treatment products.

1.3. Details of the supplier of the safety data sheet

Company name: RESAPOL BUILDING SOLUTIONS

Unit D4

Moss Industrial Estate

Walter Leigh Way

Leigh

WN7 3PT

United Kingdom

Tel: 01942 609 002

Fax: 01942 674 799

Email: info@resapol.com

1.4. Emergency telephone number

Emergency tel: 01942 609 001

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Irrit. 2: H319

Most important adverse effects: Harmful if swallowed. Causes serious eye irritation. Very toxic to aquatic life.

2.2. Label elements

Label elements:

Hazard statements: H302: Harmful if swallowed.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



Signal words: Warning

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Precautionary statements: P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

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

P330: Rinse mouth.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

AMMONIA SOLUTION

215-647-6	1336-21-6	-	Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%
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Non-classified ingredients:

1,2-BENZISOTHIAZOLIN-3-ONE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
220-120-9	2634-33-5	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	<1%

LAURYL ETHER SULPHATE, SODIUM SALT

500-234-8	68891-38-3	-	Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315	<1%
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SODIUM HYDROXIDE

215-185-5	1310-73-2	-	Skin Corr. 1A: H314	<1%
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Contains: 1,2 Benzisothiazol-3-one, Cas No.2634-33-5, ECNo. 220-120-9, percentage 0.05% and Sodium Hydroxide, CAS No. 1310-73-2, EC No. 215-185-5, percentage 0.01% REACH registration number 01-2119457892-27-xxxx. Met Corr.1-H290; Skin Corr. 1a -H314, Eye Dam.1-H3

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging. If original container can not be used, then use steel or polyethylene drums/barrels.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Non-classified ingredients:

SODIUM HYDROXIDE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	2 mg/m ³	-	-

DNEL/PNEC Values

RBS GREENPAVE BLOCK SEALER

Type	Exposure	Value	Population	Effect
DNEL	Dermal	6.8 mg/kg KC /Tag	Workers	Systemic
DNEL	Dermal	6.8 mg/kg KG/Tag	Workers	Systemic
DNEL	Inhalation	6.82 mg/m ³	Workers	Systemic
DNEL	Inhalation	6.82 mg/m ³	Workers	Local
DNEL	Inhalation	47.60 mg/m	Workers	Systemic
DNEL	Inhalation	36.00 mg/m ³	Workers	Local
DNEL	Dermal	68 mg/kg KC/Tag	Consumers	Local & systemic
DNEL	Inhalation (developmental tox)	23.8 mg/m ³	Consumers	Systemic
DNEL	Inhalation (effects on fertility)	23.8 mg/m ³	Consumers	Systemic
DNEL	Inhalation	2.8 mg/m ³	Consumers	Local
PNEC	Fresh water	0.0011 mg/l	-	-
PNEC	Marine water	0.0011 mg/l	-	-
PNEC	Intermittent release	0.0068 m/l	-	-
-	above refer to Ammonia 25%	-	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

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Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: The floor of the storage room must be impermeable to prevent the escape of liquids.

Ensure emissions from ventilation or equipment comply with environmental protection legislation. Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: White

Odour: Characteristic odour

Evaporation rate: Slow

Oxidising: No data available.

Solubility in water: Soluble

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: ca 0

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 1.013 @15.6C

pH: 7-9

VOC g/l: No data available.

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

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10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RAT	LD50	4115	mg/kg
ORAL	RAT	LD50	1193	mg/kg

Hazardous ingredients:

AMMONIA SOLUTION...100%

IVN	MUS	LD50	91	mg/kg
ORL	RAT	LD50	350	mg/kg
SCU	MUS	LDLO	160	mg/kg

Non-classified ingredients:

1,2-BENZISOTHIAZOLIN-3-ONE

ORL	MUS	LD50	1150	mg/kg
ORL	RAT	LD50	1020	mg/kg

LAURYL ETHER SULPHATE, SODIUM SALT

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

SODIUM HYDROXIDE

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	2.18	mg/l
Daphnia magna	48H EC50	2.94	mg/l
Pseudokirchneriella subcapitata	72H ErC50	0.11	mg/l

Hazardous ingredients:

LAURYL ETHER SULPHATE, SODIUM SALT

FISH	96H LC50	7.1	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

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Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture
by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No
2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

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.

H400: Very toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive
and shall be used only as a guide. This company shall not be held liable for any
damage resulting from handling or from contact with the above product.