



SAFETY DATA SHEET
DUZZIT OUTDOOR DRAIN UNBLOCKER

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Compilation date: 04/01/13
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Revision No: 3

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

1.1. Product identifier

Product name: DUZZIT OUTDOOR DRAIN UNBLOCKER
Product code: 00454

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

Use of substance / mixture: SU 21 - Consumer Uses.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Limited
The Old School House
39 Bengal Street
Manchester
M4 6AF
UK
Tel: 0161 839 5949
Fax: 0161 839 5493
Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1A: H314; Skin Sens. 1A: H317

Most important adverse effects: Causes severe skin burns and eye damage. May cause an allergic skin reaction.

2.2. Label elements

Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.

Hazard pictograms: GHS05: Corrosion



Signal words: Danger

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.

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P264: Wash hands thoroughly after handling.
P280: Wear protective gloves & eye protection.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313: Get medical attention.
P501: Dispose of contents & container to local authority regulations.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

SODIUM HYDROXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-185-5	1310-73-2	-	Skin Corr. 1A: H314	5-10%

ALCOHOLS, C12-14, ETHOXYLATED, SULPHATES, SODIUM SALTS

500-234-8	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-3%
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AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

931-292-6	308062-28-4	-	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315	1-3%
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A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-O

-	55965-84-9	-	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1A: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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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.
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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Ingestion: Wash out mouth with water. Do not induce vomiting. Transfer to hospital as soon as possible.

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

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

Skin contact: Irritation or pain may occur at the site of contact. Blistering may occur.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: No data available.

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

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: Corrosive. 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: 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

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.

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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. KEEP OUT OF THE REACH OF CHILDREN.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous 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	-	-

A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE

UK	0.05 mg/m ³	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

SODIUM HYDROXIDE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term exposure)	1mg/m ³	Workers	Local
DNEL	Inhalation (Long term exposure)	1mg/m ³	General Population	Local

ALCOHOLS, C12-14, ETHOXYLATED, SULPHATES, SODIUM SALTS

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.24mg/l	-	-
PNEC	Marine water	0.024mg/l	-	-
PNEC	Fresh water sediments	0.917mg/kg	-	-
PNEC	Soil	7.5mg/kg	-	-
DNEL	Inhalation (repeated dose)	175mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	2750mg/kg	Workers	Systemic
DNEL	Inhalation (repeated dose)	52mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	1650mg/kg	General Population	Systemic
DNEL	Oral (repeated dose)	15mg/kg	General Population	Systemic

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AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	6.2mg/m ³	Workers	Systemic
DNEL	Dermal	11 mg/kg bw	Workers	Systemic
DNEL	Inhalation	1.53mg/m ³	General Population	Systemic
DNEL	Dermal	5.5mg/kg bw	General Population	Systemic
DNEL	Oral	0.44mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.034mg/L	-	-
PNEC	Fresh water sediments	5.24mg/kg sediment	-	-
PNEC	Marine water	0.003mg/L	-	-
PNEC	Marine sediments	0.524mg/kg sediment	-	-
PNEC	STP	24mg/L	-	-
PNEC	Soil	1.02mg/kg soil	-	-
PNEC	Food chain	11.1mg/kg food	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Not applicable.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Perceptible odour

Solubility in water: Soluble

Viscosity: Viscous

pH: 13

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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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. Acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SODIUM HYDROXIDE

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

ALCOHOLS, C12-14, ETHOXYLATED, SULPHATES, SODIUM SALTS

ORAL	RAT	LD50	4100	mg/kg
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AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

DERMAL	RBT	LD50	>560	mg/kg
ORAL	RAT	LD50	1064	mg/kg

A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE

ORL	MUS	LD50	60	mg/kg
ORL	RAT	LD50	53	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

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Symptoms / routes of exposure

Skin contact: Irritation or pain may occur at the site of contact. Blistering may occur.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATED, SULPHATES, SODIUM SALTS

ALGAE (<i>Desmodesmus subspicatus</i>)	72H ErC50	27	mg/l
<i>Pseudomonas putida</i>	16H EC50	>10	g/l
WATER FLEA (<i>Daphnia magna</i>)	48H EC50	7.2	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC50	7.1	mg/l

AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

<i>Daphnia magna</i>	48H EC50	10.5	mg/l
GREEN ALGA (<i>Selenastrum capricornutum</i>)	72H ErC50	0.86	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	42	mg/l

A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-O

DAPHNIA	48H EC50	0.16	mg/l
GREEN ALGA (<i>Selenastrum capricornutum</i>)	72H IC50	0.018	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	0.19	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water.

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: Negligible ecotoxicity.

[cont...]

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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with Local Authority Regulations.

Disposal of packaging: Disposal should be in accordance with Local Authority Regulations.

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

Section 14: Transport information

14.1. UN number

UN number: UN1824

14.2. UN proper shipping name

Shipping name: SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

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: H301: Toxic if swallowed.

H302: Harmful if swallowed.

[cont...]

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- H311: Toxic 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.
- H331: Toxic if inhaled.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- 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.