



**SAFETY
DATA SHEET**
CODE PDC1
DATE 19.11.15

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: PAVETUF DEEP CLEANER
Product code: PDC1

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

Use of substance / mixture Specialist surface pre-treatment and very heavy duty degreasant

1.3 Details of the supplier of the safety data sheet

Company identification Natural Paving Products (UK) Ltd
Belton Road
Sandtoft
Doncaster
North Lincolnshire
DN8 5SX
Tel: 0845 072 1150
Fax: 0845 072 1140
Email: enquiries@pavetuf.co.uk

1.4 Emergency tel

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP Skin Corr. 1A: H314
Most important adverse effects: Causes severe skin burns and eye damage

2.2 LABEL ELEMENTS

Label element:
Hazard statements H314: Causes severe skin burns and eye damage.
Signal words Danger
Hazard pictograms GHS05: Corrosion



Precautionary statements

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice/attention.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P313: Get medical advice/attention.

2.3 Other hazards

PBT:

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients:

QUATERNARY C12-14 ALKYL METHYLE AMINE ETHOXYLATE METHYL CHLORIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	863679-20-3	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318	.99-3%

ISOTRIDECANOL ETHOXYLATE (EO 6 - 20)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	24938-91-8	-	Acute Tox. 4: H302+332; Eye Dam. 1: H318	.99-3%

SODIUM HYDROXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-185-5	1310-73-2	-	Skin Corr. 1A: H314	.99-3%

C9-11 ALCOHOL ETHOXOLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
1272/2008	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	.99-3%

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.

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.
---------------------------------------	--

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.
----------------------------------	--

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.
-------------------------------------	----------------------------



**SAFETY
DATA SHEET
CODE PDC1
DATE 19.11.15**

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.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging

Must only be kept in original packaging.

7.3 Specific end uses

Specific end use(s):

No data available.

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	-	-

DNEL / PNEC values

DNEL / PNEC

No data available.

8.2 Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area.

Respiratory protection:

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

Hand protection:

Protective gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information On Basic Physical And Chemical Properties

State	Liquid
Colour	Yellow-tan
Evaporation rate	Slow
Oxidising:	No data available
Solubility in water	Highly soluble
Viscosity	Non-viscous
Boiling point/range°C	100
Flammability limits %: lower:	No data available.
Flash point°C	>93
Autoflammability°C:	No data available.
Relative density:	1.04
VOC g/l:	50
VOC	g/l: 7.2
Melting point/range°C:	No data available.
upper:	No data available.
Part.coeff. n-octanol/water:	No data available.
Vapour pressure:	No data available.
pH:	13

9.2 Other information

Other information: No data available.

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.

10.6 Hazardous decomposition products

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

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

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	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.

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

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Hazardous ingredients:

ISOTRIDECANOL ETHOXYLATE (EO 6 - 20)

Daphnia magna Acute	48H EC50	1-100	mg/l
FISH Acute	96H LC50	1-100	mg/l

12.2 Persistence and degradability

Persistence and degradability: Biodegradable.

12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.



**SAFETY
DATA SHEET**
CODE PDC1
DATE 19.11.15

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: Negligible ecotoxicity.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and 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.

14 TRANSPORT INFORMATION

14.1 UN number

UN number: N/A

14.2 UN proper shipping name

Shipping name: N/A

14.3 Transport hazard class(es)

14.4 Packing group

Packing group: N/A

14.5 Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user

Special precautions: No special precautions.

15 REGULATORY INFORMATION

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

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.



**SAFETY
DATA SHEET**
CODE PDC1
DATE 19.11.15

16 OTHER INFORMATION

Other information

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

Phrases used in s.2 and s.3:

H302: Harmful if swallowed.

H302+332: Harmful if swallowed or if inhaled.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

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.