



**SAFETY
DATA SHEET**
CODE NP 133 Pavetuf
DATE 09.03.16

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

1.1 Product identifier

Product name: PAVETUF GENERAL CLEANER
Product code NP 133 Pavetuf

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 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP Eye Irrit. 2: H319
Most important adverse effects Causes serious eye irritation.

2.2 Label elements

Label elements:
Hazard statements: H319: Causes serious eye irritation.
Signal words: Warning
Hazard pictograms: GHS07: Exclamation mark



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 attention.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.

P332+313: If skin irritation occurs: Get medical advice/attention.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.

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:

PROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	.99-3%

Non-classified ingredients:

ISOTRIDECANOL ETHOXYLATE (EO 6 - 20)

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

QUATERNARY C12-14 ALKYL METHYLE AMINE ETHOXYLATE METHYL CHLORIDE

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

DIDECYLDIMETHYLAMMONIUM CHLORIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B:H314	<.99%



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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.
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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.
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5.2 Special hazards arising from the substance or mixture

Exposure hazards:	In combustion emits toxic fumes.
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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.
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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.

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

Suitable packaging:

Must only be kept in original packaging.

7.3 Specific end use(s)

Specific end use(s):

No data available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 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. 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.

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

Odour: Barely perceptible odour

Evaporation rate: Moderate

Oxidising: Not applicable.

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: 1.00

VOC g/l: 44

Melting point/range°C: Not applicable.

upper: No data available.

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

Vapour pressure: No data available.

pH: 9-10

9.2 Other information

Other information: No data available.



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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:

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated



**SAFETY
DATA SHEET**
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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

Ecotoxicity values: No data available.

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.

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.



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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

Specific regulations: Not applicable.

15.2 Chemical Safety Assessment

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: H225: Highly flammable liquid and vapour.
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.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

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.