

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

##### 1.1 Product identifier

**Product name** Luxigraze Spot Cleaner  
**Product code** LUXSPOTC

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

**Uses advised against** PC35: Washing and cleaning products (including solvent based products).

##### 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:** 0330 333 8030  
**Fax:** 0330 333 8040  
**Email:** enquiries@luxigraze.co.uk  
0330 333 8030

##### 1.4 Emergency tel

#### SECTION 2 HAZARDS IDENTIFICATION

##### 2.1 Classification of the substance or mixture

**Classification under CLP:** Skin Irrit. 2: H315; Eye Irrit. 2: H319  
**Classification under CHIP:** This product has no classification under CHIP.

##### 2.2 Label Elements

###### Label elements under CLP:

**Hazard statements:** H315: Causes skin irritation.  
**H319:** Causes serious eye irritation.  
**Signal words:** Warning  
**Hazard pictograms:** GHS07: Exclamation mark



###### Precautionary statements:

P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.

**Label elements under CHIP:**

**Hazard symbols:**

No significant hazard.

**Safety phrases:**

S2: Keep out of the reach of children.

S23: Do not breathe spray.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

### 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:**

EINECS	CAS	CHIP Classification	CLP Classification	Percent
<b>ALKYL BENZYL AMMONIUM CHLORIDE</b>				
270-325-2	68424-85-1	C: R34; Xn: R21/22; N: R50	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Acute Tox. 4: H312	1-10%
<b>TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE</b>				
200-573-9	64-02-8	Xn: R20/22; Xi: R38; Xi: R41	Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Dam. 1: H318	1-10%
<b>DIMETHYL C12-C14 ALKYL BETAINES</b>				
266-368-1	66455-29-6	Xi: R36/38	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%

**Non-classified ingredients:**

EINECS	CAS	CHIP Classification	CLP Classification	Percent
<b>CITRIC ACID MONOHYDRATE</b>				
201-069-1	5949-29-1	Xi: R36/37/38	-	<1%

#### SECTION 4: FIRST AID MEASURES

##### 4.1. Description of first aid measures

<b>Skin contact:</b>	Wash immediately with plenty of soap and water.
<b>Eye contact:</b>	Bathe the eye with running water for 15 minutes.
<b>Ingestion:</b>	Wash out mouth with water.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours.

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

<b>Skin contact:</b>	There may be mild irritation at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness.
<b>Ingestion:</b>	There may be irritation of the throat.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.

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

<b>Immediate / special treatment:</b>	Not applicable.
---------------------------------------	-----------------

#### SECTION 5: FIRE-FIGHTING MEASURES

##### 5.1. Extinguishing media

<b>Extinguishing media:</b>	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

<b>Exposure hazards:</b>	In combustion emits toxic fumes. Water based product. Advice relates to dry residues after water has evaporated.
--------------------------	--

##### 5.3. Advice for fire-fighters

<b>Advice for fire-fighters:</b>	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

<b>Personal precautions:</b>	Refer to section 8 of SDS for personal protection details. Turn leaking containers leakerside up to prevent the escape of liquid.
------------------------------	---

##### 6.2. Environmental precautions

<b>Environmental precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
-----------------------------------	---

##### 6.3. Methods and material for containment and cleaning up

<b>Clean-up procedures:</b>	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.
-----------------------------	--

##### 6.4. Reference to other sections

<b>Reference to other sections:</b>	Refer to section 8 of SDS.
-------------------------------------	----------------------------

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

#### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

**Workplace exposure limits:** No data available.

#### DNEL/PNEC Values

**DNEL / PNEC** No data available.

#### 8.2. Exposure controls

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

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

**Skin protection:** Protective clothing.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

**State:** Liquid  
**Colour:** Colourless  
**Odour:** Perfumed  
**Evaporation rate:** Slow  
**Oxidising:** Not applicable.  
**Solubility in water:** Highly soluble  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** 100 Melting point/range°C: 0  
**Flammability limits %: lower:** Not applicable. upper: Not applicable.  
**Flash point°C:** Not applicable.  
**Part.coeff. n-octanol/water:** Not applicable.  
**Autoflammability°C:** Not applicable.  
**Vapour pressure:** Not applicable.  
**Relative density:** 1.020  
**VOC g/l:** Not applicable.  
**pH:** 7 - 8

#### 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.

#### 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.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Hazardous ingredients:

ALKYL BENZYL AMMONIUM CHLORIDE				
DERMAL	RAT	LD50	1560	mg/kg
ORL	RAT	LD50	795	mg/kg
TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE				
DERMAL	GPG	LD50	5000	mg/kg
ORL	RAT	LD50	3030	mg/kg
DIMETHYL C12-C14 ALKYL BETAINES				
ORL	RAT	LD50	>2000	mg/kg

**Toxicity values:** No data available.

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

**Hazardous ingredients:**

ALKYL BENZYL AMMONIUM CHLORIDE			
DAPHNIA	48H EC50	0.03	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	1.7	mg/l
TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE			
FISH	96H LC50	>100	mg/l

#### 12.2. Persistence and degradability

**Persistence and degradability:**

Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:**

No bioaccumulation potential.

#### 12.4. Mobility in soil

**Mobility:**

Readily absorbed into soil. Volatile. 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.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Disposal of packaging:**

Dispose of as normal industrial waste. Clean with water.

**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.

### SECTION 15: REGULATORY INFORMATION

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

#### 15.2. Chemical Safety Assessment

#### SECTION 16: OTHER INFORMATION

##### Other information

###### Other information:

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

Detergent Regulations EC648/2004, the product contains amongst other ingredients:-

Amphoteric surfactants <5%

Cationic surfactants <5%

EDTA salts <5%

Perfumes

###### IMPORTANT NOTE:

Risk phrases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 2 and 3 for the calculated hazard and risk phrases for the blended product.

###### Phrases used in s.2 and s.3:

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

R20/22: Harmful by inhalation and if swallowed.

R21/22: Harmful in contact with skin and if swallowed.

R34: Causes burns.

R36/37/38: Irritating to eyes, respiratory system and skin.

R36/38: Irritating to eyes and skin.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R50: Very toxic to aquatic organisms.

Legend to abbreviations: PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

# LUXIGRAZE SPOT CLEANER

## SAFETY DATA SHEET

CODE LUXSPOTC

DATE 12.16

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

**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. For professional and industrial use only.