

# SAFETY DATA SHEET

Strong Graffiti Remover

Page: 1

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

### 1.1. Product identifier

**Product name:** STRONG GRAFFITI REMOVER

### 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:** Urban Hygiene Ltd

Sky Business Park  
Robin Hood Airport  
Sky Business Park,  
Doncaster  
DN9 3GN, United Kingdom

**Tel:** +44 (0)1302 623193

**Fax:** +44 (0)1302 623167

**Email:** [sales@fisherresearch.com](mailto:sales@fisherresearch.com)

### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)1302 623193  
(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; Skin Corr. 1A: H314

**Most important adverse effects:** Harmful if swallowed. Causes severe skin burns and eye damage.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark



[cont...]

# SAFETY DATA SHEET

Strong Graffiti Remover

Page: 2

**Precautionary statements:** P260: Do not breathe vapours.

P280: Wear protective clothing/eye protection.

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.

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/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

## 2.3. Other hazards

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

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

#### Hazardous ingredients:

##### 3-BUTOXYPROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
225-878-4	5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30%

##### POTASSIUM HYDROXIDE

215-181-3	1310-58-3	-	Acute Tox. 4: H302; Skin Corr. 1A: H314	10-30%
-----------	-----------	---	---	--------

##### 2-AMINOETHANOL - REACH registered number(s): 01-2119486455-28-XXXX

205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
-----------	----------	---	---	-------

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**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 mild irritation at the site of contact.

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

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

[cont...]

# SAFETY DATA SHEET

Strong Graffiti Remover

Page: 3

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

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Immediate / special treatment:** Not applicable.

**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. 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

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

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

**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

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

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

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

### 7.3. Specific end use(s)

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

[cont...]

# SAFETY DATA SHEET

Strong Graffiti Remover

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Page: 4

**Hazardous ingredients:**

**POTASSIUM HYDROXIDE**

**Workplace exposure limits:**

**Respirable dust**

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

**2-AMINOETHANOL**

UK	2.5 mg/m <sup>3</sup>	7.6 mg/m <sup>3</sup>	-	-
----	-----------------------	-----------------------	---	---

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

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

**Respiratory protection:** Respiratory protection not required. Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Gloves (alkali-resistant).

**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:** Yellow-brown

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Viscous

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** >93

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

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 1.050 - 1.080

**pH:** >13

**VOC g/l:** No data available.

[cont...]

# SAFETY DATA SHEET

Strong Graffiti Remover

Page: 5

## 9.2. Other information

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Other information:** No data available.

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

**Chemical stability:** Stable under normal conditions.

**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

### 10.6. Hazardous decomposition products

**Materials to avoid:** Strong oxidising agents. Strong acids.

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

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

#### 3-BUTOXYPROPAN-2-OL

SKN	RBT	LD50	3100	mg/kg
-----	-----	------	------	-------

#### POTASSIUM HYDROXIDE

ORL	RAT	LD50	273	mg/kg
-----	-----	------	-----	-------

#### 2-AMINOETHANOL

DERMAL	RBT	LD50	2504	mg/kg
ORAL	RAT	LD50	1515	mg/kg

#### Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated

[cont...]

# SAFETY DATA SHEET

Strong Graffiti Remover

Page: 6

Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

## 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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### POTASSIUM HYDROXIDE

Bacteria (Photobacterium phosphoreum)	15min EC50	22	mg/l
FISH (Gambusia affinis)	96H LC50	80	mg/l
FISH (Poecilia reticulata)	24H LC50	165	mg/l

#### 2-AMINOETHANOL

Daphnia magna	21days NOEC	0.85	mg/l
Daphnia magna	48H EC50	65	mg/l
FISH (Carrassius auratus-Goldfish)	96H LC50	170	mg/l
FISH (Cyprinus carpio-Common Carp)	96H LC50	349	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	2.5	mg/l
Microorganisms (Activated sludge)	30min EC20	1000	mg/l
Microorganisms (Activated sludge)	3H EC50	1000	mg/l
Scenedesmus Subspicatus	72H ErC50	22	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

### 12.5. Results of PBT and vPvB assessment

**Mobility:** Readily absorbed into soil.

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

[cont...]

# SAFETY DATA SHEET

Strong Graffiti Remover

Page: 7

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 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.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1814

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

**Shipping name:** POTASSIUM HYDROXIDE SOLUTION

**Transport class:** 8

### 14.4. Packing group

### 14.5. Environmental hazards

**Packing group:** III

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## 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

**Specific regulations:** Not applicable.

**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.

[cont...]

# SAFETY DATA SHEET

STRONG GRAFFITI REMOVER

Page: 8

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

**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.