

## Safety data sheet

# Shadow Remover

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

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#### 1.1. Product identifier

**Product name:** SHADOW REMOVER

**Product code:** 150-005

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

#### 1.3. Details of the supplier of the safety data sheet

**Company name:**

OneFifty  
Unit 12 Barnack Trading Estate  
Novers Hill  
Bedminster  
Bristol  
BS3 5QE  
UK

**Tel:** +44 (0)333 234 1445

**Email:** info@onefifty.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)333 234 1445 (office hours only)

### Section 2: Hazards identification

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#### 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.

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark



**Signal words:** Danger

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

P280: Wear protective gloves/eye protection.

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor 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.

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

## 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:

3-BUTOXYPROPAN-2-OL

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|--------|-----|-----------|--------------------|---------|
|--------|-----|-----------|--------------------|---------|

|           |           |   |  |        |
|-----------|-----------|---|--|--------|
| 225-878-4 | 5131-66-8 | - | Eye Irrit. 2: H319;<br>Skin Irrit. 2: H315 | 10-30% |
|-----------|-----------|---|--|--------|

#### POTASSIUM HYDROXIDE

| EINECS    | CAS       | PBT /<br>WEL | CLP<br>Classification                         | Percent |
|-----------|-----------|--------------|---|---------|
| 215-181-3 | 1310-58-3 | -            | Acute Tox. 4:<br>H302; Skin Corr.<br>1A: H314 | 10-30%  |

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

| EINECS    | CAS      | PBT /<br>WEL | CLP<br>Classification  | Percent |
|-----------|----------|--------------|--|---------|
| 205-483-3 | 141-43-5 | -            | Acute Tox. 4:<br>H332; Acute Tox.<br>4: H312;<br>Acute Tox. 4:<br>H302; Skin Corr.<br>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.

**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:** Not applicable.

### Section 5: Fire-fighting measures

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#### 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.

### Section 6: Accidental release measures

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#### 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

**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.

## Section 7: Handling and storage

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### 7.1. Precautions for safe handling

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

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

**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.

## Section 8: Exposure controls/personal protection

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### 8.1. Control parameters

**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> | -          | -           |

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**Workplace exposure limits:**

**Respirable dust:**

| State | 8 hour TWA            | 15 min STEL           | 8 hour TWA | 15 min STEL |
|-------|-----------------------|-----------------------|------------|-------------|
| 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

**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

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

**State:** Liquid

**Colour:** Yellow-brown

**Viscosity:** Viscous

**Relative density:** 1.050 - 1.080

**pH:** >11.5

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

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### 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

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## 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 product:

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

**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.

## Section 13: Disposal considerations

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### 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

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### 14.1. UN number

UN number: UN1814

### 14.2. UN proper shipping name

**Shipping name:** POTASSIUM 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

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

## Section 15: Regulatory information

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### 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

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### 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:** H302: Harmful if swallowed.

H312: Harmful in contact with skin.



BRILLIANT EXTERIOR  
SURFACE CLEANING

Compilation date: 05/09/2017  
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Revision No: 3

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.

