

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

### 1.1. Product identifier

**Product name:** PROTECTiT SP-600 CONCRETE REMOVER

### 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:** PROTECTiT Special Protection  
Unit 12A Oranmore Business Park  
Oranmore  
Galway  
Ireland

**Tel:** + 353 091 795 849

**Email:** [mark@prosurfaceprotect.com](mailto:mark@prosurfaceprotect.com)

### 1.4. Emergency telephone number

**Emergency tel:** +353 091 795 849

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CHIP:** C: R34

**Most important adverse effects:** Causes burns.

### 2.2. Label elements

**Label elements under CHIP:**

**Hazard symbols:** Corrosive.



**Risk phrases:** R34: Causes burns.

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

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### 2.3. Other hazards

**Other hazards:** Not applicable.

**PBT:** This substance is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

ORGANIC ACID

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	79-14-1	C: R34; Xn: R20	Skin Corr. 1B: H314; Acute Tox. 4: H332; Eye Dam. 1: H318	10-30%

DIPROPYLENE GLYCOL MONOMETHYL ETHER

-	34590-94-8	Xi: R36/38	-	1-10%
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POLYETHYLENE OXIDE MONO-C12-14-SEC-ALKYL ETHER

-	84133-50-6	Xi: R36/38; -: R53	-	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

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

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

**Ingestion:** Wash out mouth with water. Do not induce vomiting. 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:** Corrosive.

**Eye contact:** Causes burns. May cause permanent blindness.

**Ingestion:** There may be vomiting and diarrhoea. May cause digestive tract disturbances. Corrosive burns may appear around the lips.

**Inhalation:** May cause irritation to the respiratory system.

**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:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water spray. Carbon dioxide. Dry chemical powder.

#### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Corrosive.

#### 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.

#### 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 13 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

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

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

**Suitable packaging:** Must only be kept in original packaging.

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

**Specific end use(s):** Building and construction work (SU19).

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

#### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection is recommended.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

## Section 9: Physical and chemical properties

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

**State:** Liquid  
**Colour:** Pale yellow  
**Odour:** Perceptible odour  
**Solubility in water:** Miscible in all proportions  
**Boiling point/range°C:** 112  
**Melting point/range°C:** 10

### 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.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Oxidising agents. Cyanides Sulphides. Sodium. Potassium.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** Not applicable.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Relevant effects for mixture:

Effect	Route	Basis
Corrosivity	OPT INH DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Corrosive.

**Eye contact:** Causes burns. May cause permanent blindness.

**Ingestion:** There may be vomiting and diarrhoea. May cause digestive tract disturbances. Corrosive burns may appear around the lips.

[cont...]

**Inhalation:** May cause irritation to the respiratory system.

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

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**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:** UN3265

### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

### 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

Tunnel code: E

Transport category: 3

### Section 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

**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

#### 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 3:** H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

R20: Harmful by inhalation.

R34: Causes burns.

R36/38: Irritating to eyes and skin.

R53: May cause long-term adverse effects in the aquatic environment.

**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.