

## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 1

Compilation date: 17/08/2020

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** Contec USP-800 Efflorescence Remover

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

**Use of substance / mixture:** Mineral Deposit & Efflorescence Remover

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

**Company name:** Conservation Technology

Davitt Road,

Dublin 12

**Tel:** 01 455 95 11 **Email:** info@conservationtech.ie

#### 1.4. Emergency telephone number

**Tel:** 01 455 95 11

### Section 2: Hazards identification

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

**Classification under CLP:** Skin Corr. 1B: H314

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

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H315: Causes skin irritation

**Hazard symbols:** Irritant.



**Risk phrases:** Danger.

**Safety phrases:** P102: Keep out of reach of children.

P103: Read label before use.

P262: Do not get in eyes, on skin, or on clothing.

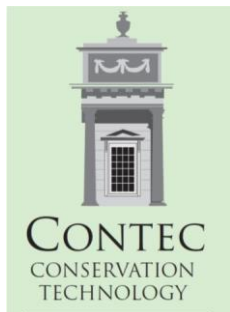
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

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.



## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 2

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

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 advice/attention.

P309+311: IF exposed or if you feel unwell: Call a Poison Centre/doctor.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### GLYCOLIC ACID

EINECS	CAS	PBT/WEL	CLPClassification	Percent
201-180-5	79-14-1	-	Acute Tox. 4: H332; Skin Corr. 1B: H314	11.000 %

##### SODIUM XYLENE SULPHONATE

EINECS	CAS	PBT/WEL	CLPClassification	Percent
-	1300-72-7	-	Eye Irrit. 2: H319	2.000 %

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin Contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

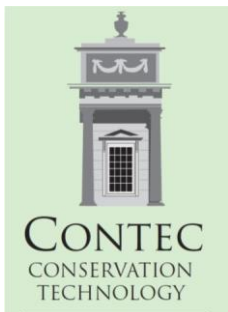
### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.



## SAFETY DATA SHEET

Contec USP-800 Efflorescence 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

#### Immediate / special treatment

**First aid:** Eye bathing equipment should be available on the premises.

## Section 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.

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

**Exposure hazards:** Corrosive. 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:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

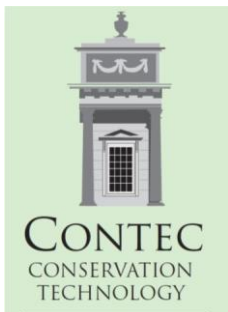
### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**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.



## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 4

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

**Storage conditions:** Store in a 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.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No Data Available

### DNEL/PNEC Values

**Hazardous ingredients:**

GLYCOLIC ACID

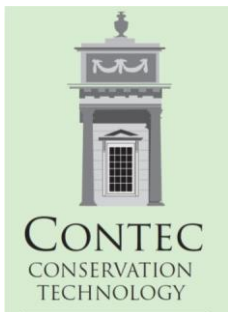
Type	Exposure	Value	Population	Effect
DNEL	Inhalation - Acute	9.2 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation - ACute	9.2 mg/m <sup>3</sup>	Workers	Local
DNEL	Skin Contact - Long Term	57.69 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation - Long Term	10.56 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation - Long Term	1.53 mg/m <sup>3</sup>	Workers	Local
DNEL	Inhalation - Acute	2.3 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Skin Contact - Long Term	28.85 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation - Long Term	2.3 mg/m <sup>3</sup>	Consumers	Local
DNEL	Ingestion - Long Term	0.75 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation - Long Term	2.6 mg/m <sup>3</sup>	Consumers	Systemic
PNEC	Fresh water	0.0312mg/l	-	-
PNEC	Marine water	0.0031 mg/l	-	-
PNEC	Fresh water sediments	0.115 mg/kg	-	-
PNEC	Marine sediments	0.0115 mg/kg	-	-
PNEC	Soil (agricultural)	0.007 mg/l	-	-
PNEC	Sewage Treatment Plants	7 mg/l	-	-
PNEC	Food chain	16.66 mg/kg	-	-

### 8.2. Exposure controls

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.



## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 5

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** DO NOT eat, drink or smoke whilst using the product.

### Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Pale Yellow

**Odour:** Characteristic odour

**Evaporation rate:** Slow

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**PH:** 4

**Boiling point/range°C:** 100

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

**Flash point°C:** >93

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

**Relative density:** No data available.

**VOC g/l:** 0

#### 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

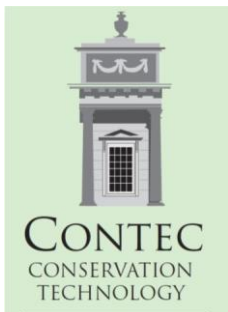
**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

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

### Section 11: Toxicological information

#### Symptoms / routes of exposure



## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 6

### Hazardous ingredients:

#### GLYCOLIC ACID

DERMAL	MAN	-	>5,000	mg/kg
ORAL	RAT	LD50	2,040	mg/kg
VAPOURS	RAT	4H LD50	3.6	mg/l

#### SODIUM XYLENE SULPHONATE

DERMAL	RBT	LD50	2,000	mg/kg
ORAL	RAT	LD50	7,200	mg/kg

### Relevant hazards for product:

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

### 11.1. Information on toxicological effects

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

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

### Section 12: Ecological information

#### 12.1. Toxicity

##### Hazardous ingredients: GLYCOLIC ACID

Daphnia magna	48H EC50	141	mg/l
GREEN ALGAE (Selenastrum capricornutum)	72H ErC50	44	mg/l
GREEN ALGAE (Selenastrum capricornutum)	72H NOEC	20	mg/l
Pimephales (Fathead Minnow)	96H LC50	164	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	5,000	mg/l

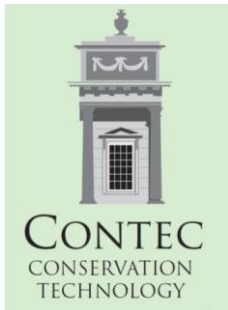
#### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

#### 12.4. Mobility in soil



## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 7

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

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

### 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

**Transport class:** This product does not require a classification for transport.

### 14.1. UN Number

**UN Number:** UN1760

### 14.2. UN Proper Shipping Name

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

### 14.3. Transport Hazard Class(es)

**Transport Class:** 8

### 14.4. Packing Group

**Packing Group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine Pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions

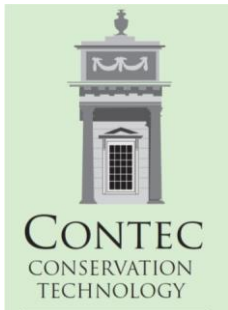
**Tunnel code:** E

**Transport category:** 2

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.



## SAFETY DATA SHEET

Contec USP-800 Efflorescence Remover

Page: 8

### 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 manufacturer.

### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830..

**Phrases used in s.2 and 3:** H314: Causes severe skin burns and eye damage.

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