

**1 Identification of the substance / preparation and of the company**

**Product:** Treatex Terrace & Tombstone Cleaner 33000  
**Registration number:** not applicable  
**Use:** Cleaning agent  
**Identified use:** Cleaner  
**Method of operation:** See product information.  
**Company Identifying:** Treatex Ltd.  
Unit I, Howland Road Business Park, Howland Road,  
Thame, Oxfordshire, OX9 3GQ.  
**Phone:** 01844 260416  
**Fax:** 01844 358160  
**Homepage:** www.treatex.co.uk  
**E-mail:** info@treatex.co.uk  
**Emergency phone:** +49 (0) 89-19240 (24h)  
**Responsible:** Haensler@chemiebuero.de

**2 Hazards identification**

**Physico-chemical hazards:** See chapter 10.  
**Human health dangers:** No particular hazards known.  
**Environmental hazards:** See chapter 12.  
**Other hazards:** none  
**Hazard symbols:** none  
**R-phrases:** none

**3 Composition / Information on ingredients**

1 - < 20%	Citric Acid Monohydrate
Xi, R36 CAS: 5949-29-1, EINECS/ELINCS: 201-069-1, EU-INDEX: , ECBnr:	
1 - < 5%	Alcohols,C9-C16, ethoxylated
Xn, R22-41 CAS: 97043-91-9, EINECS/ELINCS: , EU-INDEX: , ECBnr:	

**Comment on component parts:** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**

**General information:** Change soaked clothing.  
**Inhalation:** Ensure supply of fresh air.  
In the event of symptoms seek for medical treatment.  
**Skin contact:** When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.  
**Eye contact:** In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.  
**Ingestion:** Supply with medical care.  
Rinse out mouth and give plenty of water to drink.  
Do not induce vomiting.  
**Advice to doctor:** Treat symptomatically.  
If swallowed or in the event of vomiting, risk of product entering the lungs.

#### 5 Fire-fighting measures

**Suitable extinguishing media:** Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

**Extinguishing media that must not be used:**

Full water jet.

**Special exposure hazards arising from the substance or preparation itself or combustion products:**

Carbon monoxide (CO).

Unknown risk of formation of toxic pyrolysis products.

Not combusted hydrocarbons.

**Special protective equipment for firefighters:**

Use self-contained breathing apparatus.

Do not inhale explosion and/or combustion gases.

**Additional information:**

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

#### 6 Accidental release measures

**Personal precautions:** High risk of slipping due to leakage/spillage of product.

**Environmental precautions:** Prevent spread over a wide area (e.g. by containment or oil barriers).

Do not discharge into the drains/surface waters/groundwater.

**Methods for cleaning up:**

Take up with absorbent material (e.g. general-purpose binder).

Dispose of absorbed material in accordance within the regulations.

#### 7 Handling and storage

**Advice on safe handling:** No special measures necessary if used correctly.

**Advice on protection against fire and explosion:**

No special measures necessary.

**Requirements for storage rooms and vessels:**

No special measures necessary.

**Advice on storage compatibility:** Do not store together with oxidizing agents.

**Further information on storage conditions:**

Keep container in a well-ventilated place.

Keep container tightly closed.

#### 8 Exposure controls / personal protection

**Additional advice on system design:**

Ensure adequate ventilation on workstation.

**Ingredients with occupational exposure limits to be monitored:**

not applicable

**Respiratory protection:** not applicable

**Hand protection:** Butyl rubber, >120 min (EN 374).

**Eye protection:** Safety glasses.

**Skin protection:** not applicable

**General protective measures:** Do not inhale gases/vapours/aerosols.

Avoid contact with eyes and skin.

**Hygiene measures:**

Do not eat or drink when working.

Wash hands before breaks and after work.

Use barrier skin cream.

**Delimitation and monitoring of the environmental exposition:**

not determined

**9 Physical and chemical properties**

<b>Form:</b>	liquid
<b>Color:</b>	colourless
<b>Odor:</b>	perceptible
<b>pH-value:</b>	4
<b>pH-value [1%]:</b>	not determined
<b>Boiling point [°C]:</b>	>100
<b>Flash point [°C]:</b>	not applicable
<b>Flammability [°C]:</b>	not applicable
<b>Lower explosion limit:</b>	not applicable
<b>Upper explosion limit:</b>	not applicable
<b>Oxidizing properties:</b>	no
<b>Vapour pressure [kPa]:</b>	not determined
<b>Density [g/ml]:</b>	1,04
<b>Density at [°C]:</b>	20
<b>Bulk density [kg/m³]:</b>	not applicable
<b>Solubility in water:</b>	miscible
<b>Partition coefficient [n-octanol/water]:</b>	not determined
<b>Viscosity:</b>	11s/ 4mm (DIN 53217)
<b>Relative vapour density determined in air:</b>	not determined
<b>Evaporation speed:</b>	not determined
<b>Melting point [°C]:</b>	not determined
<b>Autoignition temperature [°C]:</b>	not applicable
<b>Decomposition temperature:</b>	not applicable

**10 Stability and reactivity**

<b>Hazardous reactions:</b>	No hazardous reactions known.
<b>Hazardous decomposition products:</b>	No hazardous decomposition products known.

**11 Toxicological information**

<b>Acute oral toxicity:</b>	not determined
<b>Acute dermal toxicity:</b>	not determined
<b>Acute inhalational toxicity:</b>	not determined
<b>Irritant effect on eye:</b>	not determined
<b>Irritant effect on skin:</b>	not determined
<b>Sensitization:</b>	not determined
<b>Subacute toxicity:</b>	not determined
<b>Chronic toxicity:</b>	not determined
<b>Mutagenicity:</b>	not determined
<b>Reproduction toxicity:</b>	not determined
<b>Carcinogenicity:</b>	not determined
<b>Experiences made in practice:</b>	none
<b>General remarks:</b>	No classification on the basis of the calculation procedure of the preparation directive. Toxicological data are not available.

**12 Ecological information**

<b>Fish toxicity:</b>	not determinated
<b>Daphnia toxicity:</b>	not determinated
<b>Behaviour in environment compartments:</b>	not determinated
<b>Behaviour in sewage plant:</b>	not determinated
<b>Bacteria toxicity:</b>	not determinated
<b>Biological degradability:</b>	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
<b>COD:</b>	not determinated
<b>BOD 5:</b>	not determinated
<b>AOX-advice:</b>	No dangerous components.
<b>2006/11/EC:</b>	not applicable
<b>General information:</b>	Ecological data are not available.

**13 Disposal considerations**

<b>Product:</b>	For recycling, consult manufacturer. Coordinate disposal with the authorities if necessary.
<b>Contaminated packaging:</b>	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
<b>Waste no. (recommended):</b>	070699

**14 Transport information**

<b>Classification according to ADR:</b>	NO DANGEROUS GOODS
- Classification Code:	
- Label:	
- ADR Limited Quantities:	
<b>Classification according to IMDG:</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
- EMS:	
- Label:	
- IMDG Limited Quantities:	
<b>Classification according to IATA:</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
- Label:	

**15 Regulatory information**

<b>Exposure scenario:</b>	not determinated
<b>Chemical safety report:</b>	not determinated
<b>Labelling:</b>	The product does not require a hazard warning label in accordance with EC-directives.
<b>Hazard symbols:</b>	
	none
<b>R-phrases:</b>	none
<b>S-phrases:</b>	none
<b>Special labelling:</b>	not applicable
<b>Authorisation, TITEL VII:</b>	not applicable
<b>Restrictions, TITEL VIII:</b>	not applicable
<b>EEC-REGULATIONS:</b>	1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
<b>TRANSPORT-REGULATIONS:</b>	DOT-Classification, ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2008).
<b>NATIONAL REGULATIONS</b>	EH40/2005 Workplace exposure limits with amendments October 2007.

**16 Other informations**

<b>R-phrases (Chapter 03):</b>	R 22: Harmful if swallowed. R 36: Irritating to eyes. R 41: Risk of serious damage to eyes.
<b>Observe employment restrictions for people:</b>	not applicable
<b>VOC (1999/13/CE):</b>	not applicable
<b>Cleaner( 648/2004/CE) contains:</b>	<5% non-ionic surfactants fragrances (CITRAL) fragrances (d-LIMONENE) preservatives (BENZOISOTHIAZOLINONE) preservatives (METHYLISOTHIAZOLINONE)
<b>Customs Tariff:</b>	not determinated