

**Safety data sheet in accordance with regulation (EC) No 1907/2006**

Trade name: Treatex Refreshment Cleaner 1170

Version: 5 / GB

Date created/revised: 12.05.11

Replaces Version: 4 / GB

Date of printing: 15.07.11

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Treatex Refreshment Cleaner 1170

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

#### Use of the substance/preparation

Surface treatment of wood and other materials

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

#### Producer

Treatex Ltd, Unit I, Howland Road Business Park,  
Howland Road, Thame, Oxfordshire,  
OX9 3GQ

Telephone no. +44 (0) 1844 260416

Fax no. +44 (0) 1844 358160

E-mail address info@treatex.co.uk

### 1.4. Emergency telephone number

+49 (0) 30 30686790

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Reference to other sections 2.2. Label elements

### 2.2. Label elements

#### Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

#### Hazard symbols

not applicable

#### Sensitising substances

### 2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## 3. Composition/information on ingredients

### Hazardous ingredients

#### propan-2-ol

CAS no. 67-63-0

EINECS no. 200-661-7

Concentration  $\geq$  1 < 10 %

Classification F, R11  
Xi, R36  
R67

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2 H225

Eye Irrit. 2 H319

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STOT SE 3

H336

### oxo alcohol ethoxylates

CAS no. 24938-91-8

Concentration  $\geq$  1 < 10 %

Classification Xi, R41  
Xn, R22

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4

H302

Route of exposure: Oral exposure

Eye Dam. 1

H318

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

## 4. First aid measures

### 4.1. Description of first aid measures

#### General information

Move out of dangerous area. When symptoms persist or in all cases of doubt seek medical advice. Get medical advice/ attention if you feel unwell. First aider needs to protect himself.

#### After inhalation

In the case of inhalation of aerosol/mist consult a physician if necessary.

#### After skin contact

Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

#### After eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

#### After ingestion

Do NOT induce vomiting. Consult a physician.

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

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. The liquid splashed in the eyes may cause irritation and reversible damage.

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

#### Hints for the physician / treatment

Treat symptomatically.

## 5. Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Non Suitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

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

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

Wear self contained breathing apparatus for fire fighting if necessary.

### Other information

Do not allow run-off from fire fighting to enter drains or water courses. Standard procedure for chemical fires. Cool closed containers exposed to fire with water spray.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas.

### 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Contact the proper local authorities.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated floors and objects thoroughly while observing environmental regulations. Clean with detergents. Avoid solvents. Keep in suitable, closed containers for disposal.

### 6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. When using, do not eat, drink or smoke. For personal protection see section 8.

#### Advice on protection against fire and explosion

Standard procedure for chemical fires.

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

#### Requirements for storage rooms and vessels

Store at room temperature in the original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Hints on storage assembly

Keep away from oxidising agents and strongly acid or alkaline materials.

#### Further information on storage conditions

Protect from frost, heat and sunlight. Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### propan-2-ol

List	EH40			
Value	999	mg/m <sup>3</sup>	400	ppm(V)
Short term exposure limit	1250	mg/m <sup>3</sup>	500	ppm(V)
Status: 2005;				

### 8.2. Exposure controls

#### Exposure controls

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

#### Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Combination filter: A2-P2 (EN 141, 143, 371)

#### Hand protection

Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.

The exact break through time can be obtained from the protective glove producer and this has to be observed.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

#### Eye protection

Safety glasses with side-shields conforming to EN166

#### Body protection

Wear suitable protective clothing. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

## 9. Physical and chemical properties

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

<b>Form</b>	liquid
<b>Colour</b>	colourless
<b>Odour</b>	characteristic
<b>pH</b>	
Remarks	no data available
<b>Boiling point</b>	
Value	82 to 100 °C
<b>Flash point</b>	
Value	64 °C

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### Explosion limits

Remarks no data available

### Density

Value 0,995 to 0,995 g/cm<sup>3</sup>  
Temperature 20 °C

### Solubility in water

Remarks completely miscible

### Ignition temperature

Remarks no data available

### Efflux time

Value 20 to 48 s  
Temperature 20 °C  
method DIN EN ISO 2431 - 3 mm

## 10. Stability and reactivity

### 10.1. Reactivity

No conditions to be specially mentioned.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

To avoid thermal decomposition, do not overheat.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke. No decomposition if stored and applied as directed.

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity (Components)

##### propan-2-ol

Species rat  
LD50 4570 mg/kg

##### oxo alcohol ethoxylates

Species rat  
LD50 > 500 to 2000 mg/kg  
Duration of exposure 7 h

#### Acute dermal toxicity (Components)

##### propan-2-ol

Species rabbit  
LD50 12800 mg/kg

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**Acute inhalative toxicity (Components)****propan-2-ol**

Species	rat			
LC50	30			mg/l
Duration of exposure	4	h		

**Other information**

No data is available on the product itself.

**12. Ecological information****12.1. Toxicity****General information**

No data is available on the product itself.

**Fish toxicity (Components)****propan-2-ol**

Species	Pimephales promelas (fathead minnow)			
	9640			mg/l
Duration of exposure	96	h		

**oxo alcohol ethoxylates**

Species	Leuciscus idus (Golden orfe)			
	1	to	10	mg/l
Duration of exposure	96	h		

**Daphnia toxicity (Components)****propan-2-ol**

Species	Daphnia magna (Water flea)			
	13299			mg/l
Duration of exposure	48	h		

**oxo alcohol ethoxylates**

Species	Daphnia magna (Water flea)			
	1	to	10	mg/l
Duration of exposure	48	h		

**Algae toxicity (Components)****propan-2-ol**

	>	1000		mg/l
Duration of exposure	72	h		

**oxo alcohol ethoxylates**

	1	to	10	mg/l
Duration of exposure	75	h		

**Bacteria toxicity (Components)****propan-2-ol**

Species	activated sludge			
	>	1000		mg/l
Duration of exposure	3	h		

**oxo alcohol ethoxylates**

Species	activated sludge			
	>	10000		mg/l
Duration of exposure	17	h		

**12.2. Persistence and degradability**

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### General information

No data is available on the product itself.

### Biodegradability (Components)

#### propan-2-ol

Value 95 %

Duration of test 21 d

valuation The solvent is biodegradable.

#### oxo alcohol ethoxylates

Value > 60 %

Duration of test 28 d

### 12.3. Bioaccumulative potential

#### General information

No data is available on the product itself.

### 12.4. Mobility in soil

#### General information

No data is available on the product itself.

#### Mobility

no data available

### 12.5. Results of PBT and vPvB assessment

#### General information

not applicable

### 12.6. Other adverse effects

#### General information

No data is available on the product itself.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances

EWC waste code 200127 - paint, inks, adhesives and resins containing dangerous substances

Where possible recycling is preferred to disposal or incineration.  
Try to prevent the material from entering drains or water courses.

#### modified product

EWC waste code 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

#### Dried residues

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

#### Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances

Empty remaining contents.

Empty containers should be taken to local recyclers for disposal.

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### 14. Transport information

#### Land transport ADR/RID

Not classified as dangerous in the meaning of transport regulations.

#### Marine transport IMDG/GGVSee

Not classified as dangerous in the meaning of sea and air transport regulations.

#### 14.5. Environmental hazards

no

#### Air transport ICAO/IATA

Not a dangerous substance as defined in the above regulations.

### 15. Regulatory information \*\*\*

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

##### VOC \*\*\*

VOC (EU)	2,08	%
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### 16. Other information

#### R-phrases listed in chapter 3

11	Highly flammable.
22	Harmful if swallowed.
36	Irritating to eyes.
41	Risk of serious damage to eyes.
67	Vapours may cause drowsiness and dizziness.

#### Hazard statements listed in chapter 3

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

#### Abbreviations

Flam. Liq - Flammable liquids  
ACUTE TOX. Acute toxicity  
EYE IRRIT. - Serious eye damage/eye irritation  
MUTA. - Germ cell mutagenicity  
ASP. TOX. - Aspiration hazard  
CARC. - Carcinogenicity  
REPR. - Reproductive toxicity  
SKIN CORR. - Skin corrosion  
SKIN IRRIT. - Skin irritation  
EYE DAM. - Serious eye damage  
EYE IRRIT. - Eye irritation  
RESP. SENS. / SKIN SENS. - Respiratory/skin sensitisation  
AQUATIC CHRONIC/AQUATIC ACUTE - Hazardous to the aquatic environment  
STOT SE. - Specific target organ toxicity - single exposure  
STOT RE. - Specific target organ toxicity - repeated exposure  
EXPL. - Explosives  
FLAM. GAS - Flammable gases  
FLAM. AEROSOL - Flammable aerosols

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OX. GAS - Oxidising gases  
PRESS. GAS - Gases under pressure  
FLAM. LIQ. - Flammable liquids  
FLAM. SOL. - Flammable solids  
SELF-REACT Self-reactive substances and mixtures  
PYR. LIQ. - Pyrophoric liquids  
PYR. SOL. - Pyrophoric solids  
SELF-HEAT - Self-heating substance and mixtures  
WATER-REACT. . Substances and mixtures, which in contact with water, emit flammable gases  
OX. LIQ. - Oxidizing liquids  
OX. SOL. - Oxidizing solids  
ORG. PEROX. - Organic peroxides  
MET. CORR. - Corrosive to metals  
ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG - International Maritime Code for Dangerous Goods  
IATA - International Air Transport Association  
IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
GHS - Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS - European Inventory of Existing Commercial Chemical Substances  
CAS - Chemical Abstracts Service (division of the American Chemical Society)  
GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

Changes since the last version are highlighted in the margin (\*\*\*). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.