

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

Trade name: Treatex Preparation Cleaner 1170

Version: 11 / GB

Date created/revised: 24.06.16

Replaces Version: 10 / GB

Print date: 07.02.15

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

1.1. Product identifier

Treatex Preparation 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 30686700

2. Hazards identification

2.1. Classification of the substance or mixture

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

Classification (Regulation (EC) No. 1272/2008)
Eye Dam. 1 H318

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

Reference to other sections 2.2. Label elements

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

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Hazard pictograms



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P309+P315 IF exposed or if you feel unwell: Get immediate medical advice/attention.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains oxo alcohol ethoxylates

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

Hazard symbols

not applicable

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) (if not listed in Section 3).

3. Composition/information on ingredients

Hazardous ingredients (Directive 1999/45/EEC)

propan-2-ol

CAS No.	67-63-0				
EINECS no.	200-661-7				
Registration no.	01-2119457558-25				
Concentration	>= 1	<	10	%	
Classification	F, R11				
	Xi, R36				
	R67				

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

Flam. Liq. 2	H225	
Eye Irrit. 2	H319	
STOT SE 3	H336	Nervous system

oxo alcohol ethoxylates

CAS No.	24938-91-8				
Concentration	>= 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	

Further hazardous ingredients

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) (if not listed in Section 3).

4. First aid measures

4.1. Description of first aid measures

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

After inhalation

No special precautions required.

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

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.

5.2. Special hazards arising from the substance or mixture

No materials to be especially mentioned.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

No special protective measures against fire required.

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

Do not inhale aerosol.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective 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

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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

Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid contact with the skin and the eyes. Do not inhale aerosol. When using, do not eat, drink or smoke. Use personal protective equipment. For personal protection see section 8.

Advice on protection against fire and explosion

No special precautions required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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

Hints on storage assembly

No materials to be especially mentioned.

Further information on storage conditions

Protect from frost, heat and sunlight. Store in accordance with the particular national regulations.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

propan-2-ol

List	EH40			
Value	999	mg/m ³	400	ppm(V)
Short term exposure limit	1250	mg/m ³	500	ppm(V)
Status:	03/2013			

Derived No/Minimal Effect Levels (DNEL/DMEL)

propan-2-ol

Type of value	DNEL			
Reference group	Workers (professional)			
Duration of exposure	Long-term			
Route of exposure	Dermal exposure			
Mode of action	Chronic effects			
Concentration	888			mg/kg/d

Type of value	DNEL			
Reference group	Workers (professional)			
Duration of exposure	Long-term			
Route of exposure	inhalative			
Mode of action	Chronic effects			
Concentration	500			mg/m ³

Type of value	DNEL			
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Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Chronic effects	
Concentration	89	mg/m ³

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	Chronic effects	
Concentration	26	mg/kg/d

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	319	mg/kg/d

Predicted No Effect Concentration (PNEC)

propan-2-ol

Type of value	PNEC	
Type	freshwater	
Concentration	140,9	mg/l

Type of value	PNEC	
Type	saltwater	
Concentration	140,9	mg/l

Type of value	PNEC	
Conditions	sporadic release	
Concentration	140,9	mg/l

Type of value	PNEC	
Type	Fresh water sediment	
Concentration	552	mg/kg

Type of value	PNEC	
Type	saltwater sediment	
Concentration	552	mg/kg

Type of value	PNEC	
Type	ground	
Concentration	28	mg/kg

Type of value	PNEC	
Type	sewage treatment plants (STP)	
Concentration	2251	mg/l

8.2. Exposure controls

Exposure controls

No special technical protective measures required.

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Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Half mask with a particle filter P2 (EN 143).

Hand protection

PVC or other plastic material gloves

Glove material

Appropriate Material Rubber gloves

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

Form liquid

Colour colourless

Odour characteristic

Odour threshold

Remarks no data available

pH value

Remarks no data available

Melting point

Remarks no data available

Freezing point

Remarks no data available

Initial boiling point and boiling range

Value 82 to 100 °C

Flash point

Value 64 °C

Flammability (solid, gas)

no data available

Upper/lower flammability or explosive limits

Remarks no data available

Vapour density

Remarks no data available

Density

Value 1 g/cm³

Temperature 20 °C

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Solubility in water

Remarks no data available

Solubility(ies)

Remarks no data available

Partition coefficient: n-octanol/water

Remarks no data available

Ignition temperature

Remarks no data available

Decomposition temperature

Remarks no data available

Viscosity

Remarks no data available

Efflux time

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

Explosive properties

evaluation no data available

Oxidising properties

Remarks no data available

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.

Decomposition temperature

Remarks no data available

10.5. Incompatible materials

No special restrictions on storage with other products.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE > 10.000 mg/kg
Method calculated value (Regulation (EC) No. 1272/2008)

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

Species	rat		
LD50	4570		mg/kg

oxo alcohol ethoxylates

Species	rat		
LD50	500		mg/kg
Method	conversion value		

Sensitization (Components)**propan-2-ol**

Species	guinea pig
evaluation	not sensitizing
Remarks	Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effect, such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central

Mutagenicity (Components)**propan-2-ol**

evaluation	Not mutagenic in Ames Test.
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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)		
LC50	9640		mg/l
Duration of exposure	96	h	

oxo alcohol ethoxylates

Species	Leuciscus idus (Golden orfe)		
LC50	1	to	10
Duration of exposure	96	h	mg/l

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

Species	Daphnia magna (Water flea)		
LC50	9714		mg/l
Duration of exposure	24	h	

oxo alcohol ethoxylates

Species	Daphnia magna (Water flea)		
EC50	1	to	10
Duration of exposure	48	h	mg/l

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

EC50	>	1000	mg/l
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Duration of exposure 72 h
Source Bayer/Brenntag/Solvadis

oxo alcohol ethoxylates

EC50 1 to 10 mg/l
Duration of exposure 75 h
Source BASF

Bacteria toxicity (Components)

propan-2-ol

Species activated sludge
EC50 > 1000 mg/l
Duration of exposure 3 h

oxo alcohol ethoxylates

Species activated sludge
EC10 > 10000 mg/l
Duration of exposure 17 h

12.2. Persistence and degradability

General information

No data is available on the product itself.

Biodegradability (Components)

propan-2-ol

Value 95 %
Duration of test 21 d
evaluation Readily biodegradable.

oxo alcohol ethoxylates

Value > 70 %
Duration of test 28 d
evaluation Readily biodegradable.

12.3. Bioaccumulative potential

General information

No data is available on the product itself.

Partition coefficient: n-octanol/water

Remarks no data available

12.4. Mobility in soil

General information

No data is available on the product itself.

Mobility in soil

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.

General information / ecology

No data is available on the product itself.

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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.

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

Ingredients (Regulation (EC) No 648/2004)

VOC

VOC (EU)	2	%	19,9	g/l
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Non-volatile content

Value [%]	4,8
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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.

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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.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

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)
LOAEL - Lowest Observed Adverse Effect Level
LOEL - Lowest Observed Effect Level
NOAEL - No Observed Adverse Effect Level
NOEC - No Observed Effect Concentration
NOEL - No Observed Effect Level
OECD - Organisation for Economic Cooperation and Development
VOC - Volatile Organic Compounds

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.