

**Trade name:** CLEANZAR**Product no.:** SY 042 C1255 UK**Current version :** 1.1.0, issued: 10.09.2019**Replaced version:** 1.0.0, issued: 09.09.2019**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

**CLEANZAR****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**Plant protection product  
disinfectant**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**Certis Europe (GB)  
Suite 5, 3 Riverside  
Granta Park - Great Abington  
Cambridgeshire CB21 6AD  
United Kingdom

Telephone no. +44 (0) 1223 894 261

Fax no. +44 (0)1223 891210

e-mail info@certiseurope.co.uk - www.certiseurope.co.uk

**Advice on Safety Data Sheet**

certis@certiseurope.co.uk

**1.4 Emergency telephone number**

Carechem 24 GB +44 870 190 6777

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Acute Tox. 4; H302

Acute Tox. 4; H312

Acute Tox. 4; H332

Aquatic Chronic 1; H410

Eye Dam. 1; H318

Met. Corr. 1; H290

Ox. Sol. 2; H272

Skin Corr. 1A; H314

STOT SE 3; H335

STOT SE 3; H336

**Classification information**

Classification and labelling are based on toxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

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GHS03



GHS05



GHS07



GHS09

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

peracetic acid . . . %

**Hazard statement(s)**

H272 May intensify fire; oxidiser.  
 H290 May be corrosive to metals.  
 H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled  
 H314 Causes severe skin burns and eye damage.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H410 Very toxic to aquatic life with long lasting effects.

**Hazard statements (EU)**

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

**Precautionary statement(s)**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P262 Do not get in eyes, on skin, or on clothing.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor.  
 P390 Absorb spillage to prevent material damage.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P501 Dispose of contents/ container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty clean containers which can be disposed of as non-hazardous waste.

**2.3 Other hazards**

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	hydrogen peroxide solution			

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	7722-84-1 231-765-0 008-003-00-9 01-2119485845-22	Acute Tox. 4; H302 Acute Tox. 4; H332 Ox. Liq. 1; H271 Skin Corr. 1A; H314 Aquatic Chronic 3; H412 Eye Dam. 1; H318 STOT SE 3; H335	>= 10.00 - < 25.00	%-b.w.
2	<b>Acetic acid</b>		<b>pls. refer to footnote (1)</b>	
	64-19-7 200-580-7 607-002-00-6 -	Flam. Liq. 3; H226 Skin Corr. 1A; H314 Eye Dam. 1; H318	>= 10.00 - < 25.00	%-b.w.
3	<b>peracetic acid . . . %</b>		<b>pls. refer to footnote (1)</b>	
	79-21-0 201-186-8 607-094-00-8 -	Acute Tox. 3; H301 Acute Tox. 2; H310 Acute Tox. 2; H330 Flam. Liq. 3; H226 Org. Perox. D; H242 Skin Corr. 1A; H314 Eye Dam. 1; H318 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 5.00	%-b.w.
4	<b>Alcohols, C9-11, ethoxylated</b>			
	68439-46-3 - - -	Acute Tox. 4; H302 Eye Dam. 1; H318	< 5.00	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	B	Eye Irrit. 2; H319: C >= 5% Eye Dam. 1; H318: C >= 8% Skin Irrit. 2; H315: C >= 35% STOT SE 3; H335: C >= 35% Skin Corr. 1B; H314: C >= 50% Ox. Liq. 2; H272: C >= 50% Aquatic Chronic 3; H412: C >= 63% Ox. Liq. 1; H271: C >= 70% Skin Corr. 1A; H314: C >= 70%	-	-
2	B	Skin Irrit. 2; H315: C >= 10% Eye Irrit. 2; H319: C >= 10% Skin Corr. 1B; H314: C >= 25% Eye Dam. 1; H318: C >= 25% Eye Dam. 1; H318: C >= 90% Skin Corr. 1A; H314: C >= 90%	-	-
3	-	STOT SE 3; H335: C >= 1%	-	M = 10

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

No special measures necessary. In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

#### After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

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When in contact with the skin, clean with soap and water.

**After eye contact**

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

**After ingestion**

Call a doctor immediately and show label or packaging. Do not induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed****Symptoms**

blindness; Pneumonitis; Pulmonary edema; Nosebleeds; chronic bronchitis

**Effects**

Perforation possible for esophagus and stomach after swallowing.

**4.3 Indication of any immediate medical attention and special treatment needed**

Take victim immediately to hospital. Immediate medical attention is required. Consult with an ophthalmologist immediately in all cases. Burns must be treated by a physician. If swallowed: Avoid gastric lavage (risk of perforation). Keep under medical supervision for at least 48 hours.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

**Unsuitable extinguishing media**

High power water jet

**5.2 Special hazards arising from the substance or mixture**

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO); chlorine compounds; Nitrogen oxides (NO<sub>x</sub>)

**5.3 Advice for firefighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge uncontrolled into the subsoil/soil.

**6.3 Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). When picked up, treat material as prescribed under heading "Disposal considerations".

**6.4 Reference to other sections**

Information regarding waste disposal, see chapter 13. Information regarding personal protective measures, see chapter 8. Information regarding safe handling, see chapter 7.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

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No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary). The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

**General protective and hygiene measures**

Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours. Have emergency shower available. Provide eye wash fountain in work area.

**Advice on protection against fire and explosion**

Keep away from sources of heat and ignition.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Keep from freezing. Protect from heat and direct sunlight. Prevent unauthorised access.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container. Protect from heat and direct sunlight.

**Incompatible products**

Do not store together with foodstuffs. Do not store together with: organic materials

**7.3 Specific end use(s)****Industry solution**

Always read the label and product information before use.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	hydrogen peroxide solution	7722-84-1	231-765-0
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Hydrogen peroxide			
	WEL short-term (15 min reference period)	2.8	mg/m <sup>3</sup> 2 ppm
	WEL long-term (8-hr TWA reference period)	1.4	mg/m <sup>3</sup> 1 ppm
2	Acetic acid	64-19-7	200-580-7
<b>2017/164/EU</b>			
Acetic acid			
	WEL short-term (15 min reference period)	50	mg/m <sup>3</sup> 20 ppm
	WEL long-term (8-hr TWA reference period)	25	mg/m <sup>3</sup> 10 ppm
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Acetic acid			
	WEL short-term (15 min reference period)	50	mg/m <sup>3</sup> 20 ppm
	WEL long-term (8-hr TWA reference period)	25	mg/m <sup>3</sup> 10 ppm

**DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	hydrogen peroxide solution	7722-84-1		231-765-0
	inhalative	Short term (acut)	local	3 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	1.4 mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value

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1	<b>hydrogen peroxide solution</b>			<b>7722-84-1</b> <b>231-765-0</b>
	inhalative	Short term (acut)	local	1.93 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	0.21 mg/m <sup>3</sup>

**PNEC values**

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	<b>hydrogen peroxide solution</b>		<b>7722-84-1</b> <b>231-765-0</b>
	water	fresh water	0.0126 mg/L
	water	marine water	0.0126 mg/L
	water	fresh water sediment	0.047 mg/kg dry weight
	water	Aqua intermittent	1.38 mg/L
	soil	-	0.0019 mg/kg moist mass
	soil	-	0.0023 mg/kg dry weight
	sewage treatment plant	-	4.66 mg/L

**8.2 Exposure controls****Appropriate engineering controls**

Ensure adequate ventilation, local exhaust at the work station if necessary.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Respiratory protection with steam filter (EN 141)

Respiratory filter (gas) : ABEK-P2

**Eye / face protection**

Safety glasses (EN 166); If splashes are likely to occur, wear: Tightly fitting safety goggles. Face-shield.

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties).

Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Material thickness 0.4 mm

Breakthrough time >= 480 mm

**Other**

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345); Hygiene measures: Ensure that eyewash stations and safety showers are close to the workstation location.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>Form/Colour</b>
liquid
colourless
<b>Odour</b>
pungent
<b>Odour threshold</b>
No data available

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<b>pH value</b>		
Value	<	2.0
Source	Manufacturer	
<b>Boiling point / boiling range</b>		
Value		105 °C
Source	Manufacturer	
<b>Melting point / melting range</b>		
Value	appr.	-42 °C
Source	Manufacturer	
<b>Decomposition point / decomposition range</b>		
Value	>=	60 °C
Source	Manufacturer	
<b>Flash point</b>		
Value	74 - 83	°C
Source	Manufacturer	
<b>Auto-ignition temperature</b>		
No data available		
<b>Oxidising properties</b>		
Ox. Liq. 2		
Oxidizing agents		
<b>Explosive properties</b>		
The product does not have explosive properties.		
<b>Flammability (solid, gas)</b>		
No data available		
<b>Lower flammability or explosive limits</b>		
No data available		
<b>Upper flammability or explosive limits</b>		
No data available		
<b>Vapour pressure</b>		
Value	32	hPa
Reference temperature	25	°C
Source	Manufacturer	
<b>Vapour density</b>		
No data available		
<b>Evaporation rate</b>		
No data available		
<b>Relative density</b>		
Value		1.1
Source	Manufacturer	
<b>Density</b>		
No data available		
<b>Solubility in water</b>		
Source	Manufacturer	
Comments	miscible	
<b>Solubility(ies)</b>		
No data available		
<b>Soluble in</b>		
aromatic solvents; organic solvents		
<b>Partition coefficient: n-octanol/water</b>		
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>
		<b>EC no.</b>

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<b>1</b>	<b>hydrogen peroxide solution</b>	<b>7722-84-1</b>	<b>231-765-0</b>
log Pow			-1.57
Source	ECHA		

<b>Viscosity</b>
No data available

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

Decomposition on heating. Heating may cause a fire. Potential for Exothermic hazard.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use. Possibility of explosion when heated in confinement.

**10.4 Conditions to avoid**

Do not overheat to avoid thermal decomposition.

**10.5 Incompatible materials**

Oxidizing agents; Metals; Reducing agents; strong bases; strong acids; organic materials; combustible materials

**10.6 Hazardous decomposition products**

Oxygen

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

<b>Acute oral toxicity (result of the ATE calculation for the mixture)</b>	
<b>No</b>	<b>Product Name</b>
<b>1</b>	<b>CLEANZAR</b>
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

<b>Acute oral toxicity</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>hydrogen peroxide solution</b>	<b>7722-84-1</b>	<b>231-765-0</b>
LD50		693.7	mg/kg bodyweight
Species with reference to Method	rat (female) 70% Solution OECD 401		
Source	ECHA		
<b>2</b>	<b>peracetic acid . . . %</b>	<b>79-21-0</b>	<b>201-186-8</b>
LD50		652	mg/kg bodyweight
Species with reference to Method	rat 11,7%		
Source	Manufacturer		

<b>Acute dermal toxicity (result of the ATE calculation for the mixture)</b>	
<b>No</b>	<b>Product Name</b>
<b>1</b>	<b>CLEANZAR</b>
ATE (Mixture)	39.94
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.



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<b>Acute dermal toxicity</b>			
No	Substance name	CAS no.	EC no.
1	hydrogen peroxide solution	7722-84-1	231-765-0
LD50	>	2000	mg/kg bodyweight
Species with reference to Method Source	rabbit 35% Solution OECD 402 ECHA		
2	peracetic acid . . . %	79-21-0	201-186-8
LD50	>	1.957	mg/kg bodyweight
Species with reference to Method Source	rabbit 11,7% Manufacturer		

<b>Acute inhalational toxicity (result of the ATE calculation for the mixture)</b>	
No	Product Name
1	CLEANZAR
ATE (Mixture)	10.0547
Route of exposure / physical from Method	Vapour Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

<b>Acute inhalational toxicity</b>			
No	Substance name	CAS no.	EC no.
1	hydrogen peroxide solution	7722-84-1	231-765-0
LC50	>	170	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species with reference to Method Source	rat 50% Solution OECD 412 ECHA		
2	peracetic acid . . . %	79-21-0	201-186-8
LC50		4	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species with reference to Method Source	rat 5% Manufacturer		

<b>Skin corrosion/irritation</b>	
No	Product Name
1	CLEANZAR
Species Source Evaluation	rabbit Manufacturer corrosive

<b>Serious eye damage/irritation</b>	
No	Product Name
1	CLEANZAR
Species Source Evaluation	rabbit Manufacturer corrosive

<b>Respiratory or skin sensitisation</b>	
No	Product Name
1	CLEANZAR
Route of exposure	Skin
Species Source Evaluation	guinea pig Manufacturer non-sensitizing

<b>Germ cell mutagenicity</b>	
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No	Product Name	Source	Manufacturer
1	CLEANZAR	Evaluation/classification	Based on available data, the classification criteria are not met.
<b>Reproduction toxicity</b>			
No	Product Name	Source	Manufacturer
1	CLEANZAR	Evaluation/classification	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>			
No	Product Name	Source	Manufacturer
1	CLEANZAR	Evaluation/classification	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>			
No	Product Name	Source	Manufacturer
1	CLEANZAR	Evaluation/classification	Based on available data, the classification criteria are met.
<b>STOT - repeated exposure</b>			
No	Product Name	Source	Manufacturer
1	CLEANZAR	Evaluation/classification	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>			
No data available			

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	hydrogen peroxide solution	7722-84-1	231-765-0
LC50		16.4	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	EPA		
Source	ECHA		
2	peracetic acid . . . %	79-21-0	201-186-8
LC50		1.1	mg/l
Duration of exposure		96	h
Species	Lepomis macrochirus		
Source	Manufacturer		
<b>Toxicity to fish (chronic)</b>			
No	Substance name	CAS no.	EC no.
1	peracetic acid . . . %	79-21-0	201-186-8
NOEC		0.00094	mg/l
Duration of exposure		33	day(s)
Species	Danio rerio		
Source	Manufacturer		
<b>Toxicity to Daphnia (acute)</b>			
No	Substance name	CAS no.	EC no.
1	hydrogen peroxide solution	7722-84-1	231-765-0
EC50		2.4	mg/l
Duration of exposure		48	h
Species	Daphnia pulex		

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Method	EPA		
Source	ECHA		
<b>2</b>	<b>peracetic acid . . . %</b>	<b>79-21-0</b>	<b>201-186-8</b>
EC50		0.73	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	Manufacturer		

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>hydrogen peroxide solution</b>	<b>7722-84-1</b>	<b>231-765-0</b>
ErC50		2.62	mg/l
Duration of exposure		72	h
Species	Skeletonema costatum		
Method	OECD 201		
Source	ECHA		
<b>2</b>	<b>peracetic acid . . . %</b>	<b>79-21-0</b>	<b>201-186-8</b>
EC50		0.16	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Source	Manufacturer		

**Toxicity to algae (chronic)**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>hydrogen peroxide solution</b>	<b>7722-84-1</b>	<b>231-765-0</b>
NOEC		0.63	mg/l
Duration of exposure		72	h
Species	Skeletonema costatum		
Method	OECD 201		
Source	ECHA		

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability****Biodegradability**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>hydrogen peroxide solution</b>	<b>7722-84-1</b>	<b>231-765-0</b>
Source	ECHA		
Evaluation	readily biodegradable		

**12.3 Bioaccumulative potential****Partition coefficient: n-octanol/water**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>hydrogen peroxide solution</b>	<b>7722-84-1</b>	<b>231-765-0</b>
log Pow		-1.57	
Source	ECHA		

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment****Results of PBT and vPvB assessment**

PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

**12.6 Other adverse effects**

No data available.

**12.7 Other information****Other information**

**Trade name:** CLEANZAR**Product no.:** SY 042 C1255 UK**Current version :** 1.1.0, issued: 10.09.2019**Replaced version:** 1.0.0, issued: 09.09.2019**Region:** GB

Do not discharge product uncontrolled into the environment.
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

Class	5.1
Classification code	OC1
Packing group	II
Hazard identification no.	58
UN number	UN3149
Proper shipping name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
Tunnel restriction code	E
Label	5.1+8

### 14.2 Transport IMDG

Class	5.1
Subsidiary Risk	8
Packing group	II
UN number	UN3149
Proper shipping name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
EmS	F-H, S-Q
Label	5.1+8

### 14.3 Transport ICAO-TI / IATA

Class	5.1
Subrisk	8
Packing group	II
UN number	UN3149
Proper shipping name	Hydrogen peroxide and peroxyacetic acid mixture, stabilized
Label	5.1+8

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

## SECTION 15: Regulatory information

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

#### EU regulations

##### Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.
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**Trade name:** CLEANZAR**Product no.:** SY 042 C1255 UK**Current version :** 1.1.0, issued: 10.09.2019**Replaced version:** 1.0.0, issued: 09.09.2019**Region:** GB**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.	No 3
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**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is subject to Part I of Annex I, risk category:	E1, P8
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If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H271	May cause fire or explosion; strong oxidiser.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

B Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

**Department issuing safety data sheet**

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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**Trade name:** CLEANZAR

**Product no.:** SY 042 C1255 UK

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Prod-ID 759905