



## Hydrogen Peroxide solution 3%

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Name Hydrogen Peroxide solution 3%  
 CAS No. Not applicable.  
 EC No. Not applicable.  
 REACH Registration No. Not known.

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

Identified Use(s) Not known.  
 Uses Advised Against Not known.

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

Manufacturer  
 Company Identification Trade Chemicals Ltd  
 Address of Manufacturer Thomas Street  
 Blackpool  
 Postal code FY1 3HG  
 Telephone: 03338002345  
 Fax Not known.  
 E-mail sales@trade-chem.co.uk  
 Office hours

Supplier  
 Company Identification Trade Chemicals Ltd  
 Address of Supplier Thomas Street  
 Blackpool  
 Postal code FY1 3HG  
 Telephone: 03338002345  
 Fax Not known.  
 E-mail stuart@trade-chem.co.uk  
 Office hours 08:00 - 17:00

#### 1.4 Emergency telephone number

Emergency Phone No. 03338002345  
 Contact Support Team

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and Not classified as dangerous for supply/use.  
 UK SI 2020/1567

#### 2.2 Label elements

Product Name According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567  
 Hydrogen Peroxide solution 3%

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) P101: If medical advice is needed, have product container or label at hand.  
 P102: Keep out of reach of children.  
 P103: Read label before use.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P235+P410: Keep cool. Protect from sunlight.

#### 2.3 Other hazards

None known.

#### 2.4 Additional Information

None.



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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
hydrogen peroxide solution ... %	7722-84-1	231-765-0	<3	Ox. Liq. 1 H271 Acute Tox. 4 H302 Skin Corr. 1A H314 Eye Dam. 1 H318 Acute Tox. 4 H332 STOT SE 3 H335 Aquatic Chronic 3 H412	GHS03 GHS05 GHS07

For full text of H/P Statements see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

**Inhalation** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact** Wash skin with water.

**Eye Contact** Flush eyes with water for at least 15 minutes.

**Ingestion** Wash out mouth with water.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

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

None anticipated. Heating may cause decomposition.

#### 5.3 Advice for firefighters

As appropriate for surrounding fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

#### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material.

#### 6.4 Reference to other sections

See Also Section 8, 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Not known.

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

Keep out of reach of children.



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Storage temperature Ambient.  
 Storage life Stable under normal conditions.  
 Incompatible materials None known.  
**7.3 Specific end use(s)** Not known.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Hydrogen peroxide	7722-84-1	1	1.4	2	2.8	

Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes

#### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance Liquid.  
 Colour : Not known.  
 Odour Not known.  
 Odour threshold Not known.  
 pH Not known.  
 Melting point/freezing point Not known.  
 Initial boiling point and boiling range Not known.  
 Flash Point Not known.  
 Evaporation rate Not known.  
 Flammability (solid, gas) Not known.  
 Upper/lower flammability or explosive limits Not known.  
 Vapour pressure Not known.  
 Vapour density Not known.  
 Density (g/ml) Not known.



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Relative density	Not known.
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 16666.67
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 366.67
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

### 11.2 Other information

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.



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### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose at suitable refuse site.

### 13.2 Additional Information

No special precautions are required for this product.

## SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

### 14.1 UN number

Not applicable

### 14.2 UN proper shipping name

Not applicable

### 14.3 Transport hazard class(es)

Not applicable

### 14.4 Packing group

Not applicable

### 14.5 Environmental hazards

Not classified as a Marine Pollutant.

### 14.6 Special precautions for user

Not known

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

Not known

## SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex Not listed

XIV) list of substances subject to authorisation

UK REACH Restrictions List (Annex XVII) hydrogen peroxide solution ... % (7722-84-1)

Restrictions on the manufacture, placing

on the market and use of certain

dangerous substances, mixtures and

articles

The Persistent Organic Pollutants Not listed

Regulations 2007 (SI 2007/3106) as amended

The Ozone-Depleting Substances and Not listed

Fluorinated Greenhouse Gases

(Amendment etc.) (EU Exit) Regulations

2019 (SI 2019/583)

The Prior Informed Consent (PIC) Not listed

Regulations concerning the export and

import of hazardous chemicals

SI2008/2108 as amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

### 15.2 Chemical Safety Assessment

United Kingdom

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION



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The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)	<p>None.</p> <p>GHS03: GHS: Flame over circle          GHS05: GHS: Corrosion          GHS07: GHS: Exclamation mark</p>
Hazard classification	<p>Ox. Liq. 1 : Oxidising liquid, Category 1          Acute Tox. 4 : Acute toxicity, Category 4          Skin Corr. 1A : Skin corrosion/irritation, Category 1A          Eye Dam. 1 : Serious eye damage/irritation, Category 1          Acute Tox. 4 : Acute toxicity, Category 4          STOT SE 3 : Specific target organ toxicity — single exposure, Category 3          Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3</p>
Hazard Statement(s)	<p>H271: May cause fire or explosion; strong oxidiser.          H302: Harmful if swallowed.          H314: Causes severe skin burns and eye damage.          H318: Causes serious eye damage.          H332: Harmful if inhaled.          H335: May cause respiratory irritation.          H412: Harmful to aquatic life with long lasting effects.</p>
Precautionary Statement(s)	<p>P101: If medical advice is needed, have product container or label at hand.          P102: Keep out of reach of children.          P103: Read label before use.          P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.          P211: Do not spray on an open flame or other ignition source.          P235+P410: Keep cool. Protect from sunlight.</p>
Acronyms	<p>ATE : Acute Toxicity Estimate          CAS : Chemical Abstracts Service          DNEL : Derived No Effect Level          EC : European Community          EINECS : European Inventory of Existing Commercial Chemical Substances          LTEL : Long term exposure limit          PBT : Persistent, Bioaccumulative and Toxic          PNEC : Predicted No Effect Concentration          REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals          STEL : Short term exposure limit          STOT : Specific Target Organ Toxicity          vPvB : very Persistent and very Bioaccumulative</p>
Key literature references and sources for data used to compile the SDS	<p>GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567</p>
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