



HOSPITALITY  
CARE HOMES  
FOOD INDUSTRY  
HEALTHCARE  
LAUNDRY  
LEISURE  
AGRICULTURE

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## SECTION 1: Identification of the substance / mixture and of the company undertaking

### 1.1. Product identifier

Trade name :4S STERI CELL Date of original: 29/09/2017  
Product code :1049 Revision No.: 2  
Product form :Mixture Revision date: 15/10/2015

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

#### 1.2.1. Relevant identified uses

Main use category :Professional use  
Industrial/Professional use spec. :For professional use only  
Use of substance/mixture :Terminal disinfectant

#### 1.2.2. Uses advised against

No additional information available

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

**Trichem Scotland Ltd** 36E Inchmuir Road, Whitehill Ind. Estate, Bathgate, EH48 2EP  
t: 01506 634477 f: 01506 634488 e: sales@trichemscotland.co.uk

### 1.4. Emergency telephone number

Emergency number :Mon – Fri 9:00am – 5:00pm

## SECTION 2: Hazards identification

### 2.1. Classification of the substance of mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 :H302  
Eye Dam. 1 :H318  
Skin Irrit. :H315  
Full text of H-phrases :see section 16

### 2.2. Label elements

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Single word (CLP) :Warning  
Hazardous ingredients :Hydrogen Peroxide  
Hazard statements (CLP) :H302 - Harmful if swallowed  
:H315 – Causes skin irritation  
:H318 - Causes serious eye irritation  
Precautionary statements (CLP) :P260 - Do not breathe vapour/spray  
:P273 - Avoid release to the environment  
:P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
:P308+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
:P310 - Get immediate medical attention.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Hazard ingredients	CAS number	% Active C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrogen Peroxide	7722-84-1	1-10	Ox Liq.1 H271, Acute Tox.4 H302, Acute Tox.4 H332, Skin Corr.1A H314

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general :Get medical advice/attention if you feel unwell.  
First-aid measures after inhalation :Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact :Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it/them before reuse.  
First-aid measures after eye contact :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing. If eye irritation persists. Get medical advice/attention.

First-aid measures after ingestion :Do not induce vomiting, give plenty of water to drink. Get medical attention.

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

Symptoms/injuries after inhalation :May cause respiratory irritation.

Symptoms/injuries after skin contact :Irritation.

Symptoms/injuries after eye contact :Severe eye irritation.

Symptoms/injuries after ingestion :May cause stomach pains or vomiting.

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

Treat symptomatically

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media :Carbon dioxide. Dry powder. Foam.

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

Hazardous decomposition products in case of fire : Oxygen.

#### 5.3. Advice for firefighters

No additional information

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures :Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment :Use personal protective equipment as required.

#### 6.2. Environmental precautions

Avoid release to the environment Spillages or uncontrolled discharges into water courses must be reported immediately to SEPA or other appropriately regulatory body.

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

For containment :Collect spillage.

Methods for cleaning up :Soak up any spills with inert solids, such as clay or diatomaceous earth as soon as possible.

#### 6.4. Reference to other sections

For further information refer to section 8. "Exposure controls/personal protection". For further information refer to section 13.

### SECTION 7: Handling & storage

#### 7.1. Precautions for safe handling

Precautions for safe handling :Avoid contact with eyes. Wear appropriate PPE

Hygiene measures :Do not eat, drink or smoke when using this product.

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

Technical measures :Does not require any specific or particular technical measures.

Storage conditions :Keep container closed when not in use.

Incompatible products :Oxidising agents. Strong acids.

Special rules on packaging :Keep only in original container.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Materials for protective clothing :Not required for normal conditions of use.

Hand protection :Protective gloves.

Eye protection :Safety glasses

Skin and body protection :Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection :Not required for normal conditions of use.



### SECTION 9: Physical and chemical properties

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

Physical state	:Liquid	Decomposition temperature	:No data available
Appearance	:Mobile	Flammability (solid, gas)	:No data available
Colour	:Clear	Vapour pressure	:No data available
Odour	:Characteristic	Relative vapour density @20°C	:No data available
Odour threshold	:No data available	Relative density	:1.15
pH	:3.5	Solubility	:Water
Relative evaporation rate	:No data available	Log pow	:No data available
Melting point	:No data available	Viscosity, kinematic	:No data available
Freezing point	:No data available	Viscosity, dynamic	:No data available
Boiling point	:>100°C	Explosive properties	:No data available
Flash point	:No data available	Oxidising properties	:No data available

Auto-ignition temperature :No data available | Explosive limits :No data available

## 9.2. Other properties

No additional information available

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

Reacts strongly with alkaline & chlorine bleach.

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

### 10.4. Conditions to avoid

Heat & direct day light, avoid temperatures in excess of 30°C

### 10.5. Incompatible materials

Chlorine bleach, Alkalis, Metal salts.

### 10.6. Hazardous decomposition products

Oxygen

## SECTION 11: Ecological information

### 11.1. Information on toxicological effects

Acute toxicity	:Oral, (LD50 mg/kg) 1,100
Skin corrosion/irritation	:Causes skin irritation. :pH 2.00
Serious eye damage/irritation	:Causes serious eye irritation, category 1, implicit :pH 3.5
Respiratory or skin sensitisation	:Not classified
Germ cell mutagenicity	:Not classified
Carcinogenicity	:Not classified
Reproductive toxicity	:Not classified
Specific target organ toxicity (single exposure)	:Not classified
Specific target organ toxicity (repeated exposure)	:Not classified
Aspiration hazard	:Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No information

### 12.2. Persistence and degradability

Rapidly degrades to water & oxygen by chemical reaction with organic matter in effluent.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

**Supplied in pack sizes that are Not Classified for Transport**

ADR / RID / IMDG / IATA 2014

### 14.2. UN proper shipping name

Proper shipping name (ADR)	Hydrogen Peroxide
Proper shipping name (IMDG)	Hydrogen Peroxide
Proper shipping name (IATA)	Hydrogen Peroxide

### 14.3. Transport hazard class(es)

#### ARD

Transport hazard class(es) (ADR) Class 5.1 Oxidising Substances

#### IMDG

Transport hazard class(es) (IMDG) Division 5.1 Oxidising Substances

Packing group (ADR) II

Packing group (IMDG) II

### 14.5. Environmental hazards

Dangerous to the environment :No  
Other information :No supplementary information available

#### 14.6. Special precautions for user

Overland transport

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code :Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulation

Contains no substances with annex XVII restrictions  
Contains no substances on the REACH candidate list  
Contains no REACH Annex XIV substances

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

### SECTION 16: Other information

The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Full text of R-, H- and EUH-phrases

H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H302	Harmful if swallowed

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*