0.525% Hypochlorite WFI Wipes
Sterile Solution

Safety Data Sheet according to Regulation (EC) No. 453/2010
Date of issue: 09/18/2018
Version: 1.0

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

1.1. Product identifier

Product form: Mixture
Trade name: 0.525% Hypochlorite WFI Wipes Sterile Solution
Product code: 1S30

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

1.2.1. Relevant identified uses

Industrial/Professional use specific: Product for industrial use only
Use of the substance/mixture: Surface cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer:
STERIS Corporation
P. O. Box 147, St. Louis, MO 63166, US
Telephone Number for Information: 1-800-444-9009 (Customer Service-Scientific Products)
US Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)

Supplier:
Device Technologies Australia Pty Ltd
1 Garigal Road, Belrose NSW 2085, Australia
Telephone: 1 800 429 551
Fax: 612 9975 5711

Device Technologies New Zealand Limited
47 Arrenway Drive, Albany, Auckland, 0632
New Zealand
Tel: 0508 338 423, Fax: 649 9913 2009

1.4. Emergency telephone number

Emergency number: 1 800 429 551 (24 hours) Australia
0508 338 423 (New Zealand)
1-703-741-5970 (CHEMTREC International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to NOHSC:
Hazardous Substance. Non-Dangerous Good.

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC
Not classified

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements

Not applicable

2.3. Other hazards

Other hazards which do not result in classification: Direct contact: Causes eye irritation. Causes mild skin irritation

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture
0.525% Hypochlorite WFI Wipes
Sterile Solution
Safety Data Sheet
according to Regulation (EC) No. 453/2010

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite</td>
<td>(CAS No) 7681-52-9 (EC no) 231-669-3 (EC index no) 017-011-00-1</td>
<td>0.1 - 1</td>
<td>Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10)</td>
</tr>
<tr>
<td>Other Non-Hazardous Components</td>
<td></td>
<td>Up to 100%</td>
<td>NA</td>
</tr>
</tbody>
</table>

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)
First-aid measures after inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. If necessary seek medical advice
First-aid measures after skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation persists, seek medical attention
First-aid measures after eye contact: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Give water to drink if victim completely conscious/alert. Call a POISON CENTER or doctor/physician

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after skin contact: Frequent or prolonged contact with skin may cause dermal irritation
Symptoms/injuries after eye contact: In fine dispersion/spraying/misting: May cause eye irritation

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray

5.2. Special hazards arising from the substance or mixture
Thermal decomposition generates: Fume. Sodium oxide. Chlorine

5.3. Advice for firefighters
Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment

Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: Do not breathe fumes, vapors. Avoid contact with skin, eyes and clothes

6.1.1. For non-emergency personnel
Protective equipment: Wear suitable protective clothing. Wear protective gloves and eye/face protection
Emergency procedures: Evacuate unnecessary personnel. Stop leak if safe to do so

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection
Emergency procedures: Ventilate area

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect in closed containers for disposal. Store away from other materials. Wash contaminated area with large amounts of water. Collect spillage. Use appropriate container to avoid environmental contamination. Dispose of contents/container to comply with applicable local, national and international regulations

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Product for industrial use only
Hygiene measures: Wash hands thoroughly after handling. Take care for general good hygiene and housekeeping. Wash contaminated clothing prior to re-use

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations. A washing facility/water for eye and skin cleaning purposes should be present. Provide adequate ventilation
Storage conditions: Keep out of reach of children. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Keep cool. Protect from sunlight
Heat and ignition sources: Store away from excessive heat
Storage area: Store in dry, cool, well-ventilated area
Special rules on packaging: Correctly labelled

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

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation
Personal protective equipment: Avoid all unnecessary exposure. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. The following pictograms represent the minimum requirements for personal protective equipment. Protective clothing. Gloves. Protective eye protection
Hand protection: Wear protective gloves
Eye protection: Wear protective eyewear
Skin and body protection: Wear suitable protective clothing
Respiratory protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended
Other information: Do not eat, drink or smoke during use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid, white cloth
Appearance: Clear
Colour: Colourless to yellow
Odour: No data available
Odour threshold: No data available
pH: 11.1
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Self ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: No data available
**0.525% Hypochlorite WFI Wipes**
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**Density:** 1.004 - 1.014 Specific Gravity

**Solubility:** Water: completely soluble

**Log Pow:** No data available

**Viscosity, kinematic:** No data available

**Viscosity, dynamic:** No data available

**Explosive properties:** No data available

**Oxidising properties:** No data available

**Explosive limits:** No data available

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### 9.2. Other information

No additional information available

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**SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under normal conditions of use

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur

#### 10.4. Conditions to avoid

Do not expose to heat. Light. Incompatible materials

#### 10.5. Incompatible materials


#### 10.6. Hazardous decomposition products

Chlorine. Sodium oxide

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**SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

**Acute toxicity:** Not classified

**Sodium hypochlorite (7681-52-9)**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>8200 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 10000 mg/kg</td>
</tr>
<tr>
<td>ATE (oral)</td>
<td>8200,000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation:** Not classified

**pH:** 11.1

**Serious eye damage/irritation:** Not classified

**pH:** 11.1

**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

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**SECTION 12: Ecological information**

#### 12.1. Toxicity

**Sodium hypochlorite (7681-52-9)**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fishes 1</td>
<td>0.06 - 0.11 mg/l (Exposure time: 96 h - Species: Pimephales promelas [Flow-through])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>0.033 - 0.044 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>4.5 - 7.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [Static])</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

**0.525% Hypochlorite WFI Wipes Sterile Solution**

**Persistence and degradability:** Not established
12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>0.525% Hypochlorite WFI Wipes Sterile Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.
Additional information: Dispose of empty containers and wastes safely. Empty container retains product residue. Dilute residue with water. Product may be flushed to a sanitary sewer with copious amounts of water, if in accordance with local, state or national legislation. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment

SECTION 14: Transport information

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

14.1. UN number
No dangerous good in sense of transport regulations

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
- Dangerous for the environment: No
- Marine pollutant: No
- Other information: No supplementary information available

14.6. Special precautions for user
14.6.1. Overland transport
No additional information available
14.6.2. Transport by sea
No additional information available
14.6.3. Air transport
No additional information available
14.6.4. Inland waterway transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1. Australia
AICS Listed or Exempt. Hazard Category: NA
15.1.2. EU-Regulations
No REACH Annex XVII restrictions
Contains no REACH candidate substance
15.1.3. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information
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Safety Data Sheet
according to Regulation (EC) No. 453/2010

Revision Date: 09/18/2018
Sources of Key data:

Other information:
The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.

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

| Aquatic Acute 1 | Hazardous to the aquatic environment — AcuteHazard, Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| H314 | Causes severe skin burns and eye damage |
| H400 | Very toxic to aquatic life |

SDS EU (REACH Annex II)
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