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

1.1 Product identifier
- Trade name

HYDROGEN PEROXIDE ASEPTIC PACKAGING GRADES / Interox® AG Spray / Interox® AG Spray S / Interox® AG Bath / Interox® AG Bath S

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

Uses of the Substance/Mixture
- Disinfectants and general biocidal products

1.3 Details of the supplier of the safety data sheet

Company
Solvay Interox Pty Ltd
20-22 McPherson St
NSW 2019 Banksmeadow
AUSTRALIA
Phone: +61 02 9316 8000
Fax: +61 02 9316 6445

E-mail address
manager.sds@solvay.com

1.4 Emergency telephone number

+61 2801 44558 [CareChem 24]

MULTI LINGUAL EMERGENCY NUMBER (24/7)
Europe/Latin America/Africa : +44 1235 239 670 (UK)
Middle East/Africa speaking Arabic : +44 1235 239 671 (UK)
Asia Pacific : +65 3158 1074 (Singapore)
China : +86 512 8090 3042
North America : 800 424 9300

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Work Health and Safety Regulation 2011
- Acute toxicity , Category 4
  H302: Harmful if swallowed.
- Skin irritation , Category 2
  H315: Causes skin irritation.
- Serious eye damage , Category 1
  H318: Causes serious eye damage.
- Specific target organ toxicity - single exposure, Category 3
  H335: May cause respiratory irritation. (Respiratory system),

SUSMP (AU)
- Schedule 5: Caution

2.2 Label elements

Work Health and Safety Regulation 2011

Hazardous products which must be listed on the label
- CAS-No. 7722-84-1 hydrogen peroxide
Pictogram

- Corrosion
- Exclamation mark

Signal word
- Danger

Hazard statements
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

Precautionary statements

General
- None

Prevention
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/ eye protection/ face protection.

Response
- P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
- P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
- P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Storage
- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal
- P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards which do not result in classification
- Acute aquatic toxicity, Category 2 H401: Toxic to aquatic life.

SECTION 3: Composition/information on ingredients

3.1 Substance
- Not applicable, this product is a mixture.

3.2 Mixture
- Synonyms Peroxide, Hydroperoxide, Hydrogen dioxide
- Formula H2O2
### Information on Components and Impurities

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>GHS Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrogen peroxide</td>
<td>7722-84-1</td>
<td>Oxidizing liquids, Category 1 ; H271 Acute toxicity, Category 4 ; H302 Skin corrosion, Category 1A ; H314 Serious eye damage, Category 1 ; H318 Specific target organ toxicity - single exposure, Category 3 ; H335 (Respiratory system)</td>
<td>35.5</td>
</tr>
</tbody>
</table>

**Specific concentration limit:**

- C: >= 70 %, Oxidizing liquids, Category 1; H271
- C: 50 - < 70 %, Oxidizing liquids, Category 2; H272
- C: >= 70 %, Skin corrosion, Category 1A; H314
- C: 50 - < 70 %, Skin corrosion, Category 1B; H314
- C: 35 - < 50 %, Skin irritation, Category 2; H315
- C: 8 - < 50 %, Serious eye damage, Category 1; H318
- C: 5 - < 8 %, Eye irritation, Category 2; H319
- C: >= 35 %, Specific target organ toxicity - single exposure, Category 3; H335
- C: >= 63 %, Chronic aquatic toxicity, Category 3; H412
- C: >= 63 %, Chronic aquatic toxicity, Category 4; Not classified

<table>
<thead>
<tr>
<th>Non-hazardous ingredients *</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>*(Ingredients present at non-hazardous concentrations, according to criteria of SWAC (Australia) based on available information).</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General advice**

- Show this safety data sheet to the doctor in attendance.

**In case of inhalation**

- Move to fresh air.
In case of skin contact
- Remove and wash contaminated clothing before re-use.
- Wash off with soap and water.
- If symptoms persist, call a physician.

In case of eye contact
- Call a physician or poison control centre immediately.
- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- In the case of difficulty of opening the lids, administer an analgesic eye wash (oxybuprocaine).
- Take victim immediately to hospital.

In case of ingestion
- Call a physician or poison control centre immediately.
- Take victim immediately to hospital.
- If swallowed, rinse mouth with water (only if the person is conscious).
- Do NOT induce vomiting.
- Artificial respiration and/or oxygen may be necessary.
- If victim is unconscious:
  - Artificial respiration and/or oxygen may be necessary.
- If victim is conscious:
  - If swallowed, rinse mouth with water (only if the person is conscious).
  - Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation
Symptoms
- Breathing difficulties
- Cough
- pulmonary oedema
- Nausea
- Vomiting

Effects
- Corrosive to respiratory system.

Repeated or prolonged exposure
- Nose bleeding
- Risk of chronic bronchitis

In case of skin contact
Symptoms
- Redness
- Swelling of tissue

Effects
- Prolonged skin contact may cause skin irritation.

In case of eye contact
Symptoms
- Redness
- Lachrymation
- Swelling of tissue

Effects
- Corrosive
- Causes severe burns.
- Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
- Nausea
- Abdominal pain
- Bloody vomiting
- Diarrhoea
- Suffocation
- Cough
- Severe shortness of breath

**Effects**
- If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.
- Risk of respiratory disorder

4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician**
- Take victim immediately to hospital.
- Immediate medical attention is required.
- Consult with an ophthalmologist immediately in all cases.
- 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**
- Water
- Water spray

**Unsuitable extinguishing media**
- None

5.2 Special hazards arising from the substance or mixture
- Decomposition will cause oxygen release which may intensify fire
- Contact with combustible material may cause fire.
- Contact with flammables may cause fire or explosions.
- Risk of explosion if heated under confinement.

5.3 Advice for firefighters

**Special protective equipment for firefighters**
- In the event of fire, wear self-contained breathing apparatus.
- Use personal protective equipment.
- Wear chemical resistant oversuit

- Hazchem Code 2P

**Further information**
- Keep product and empty container away from heat and sources of ignition.
- Keep containers and surroundings cool with water spray.
- Approach from upwind.
- Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

**SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

**Advice for non-emergency personnel**
SAFETY DATA SHEET

HYDROGEN PEROXIDE ASEPTIC PACKAGING GRADES / Interox® AG Spray / Interox® AG Spray S / Interox® AG Bath / Interox® AG Bath S

Revision Date 16.03.2017

Advice for emergency responders
- Use personal protective equipment.
- Drying of this product on clothing or combustible materials may cause fire.
- Keep wetted with water.
- Prevent further leakage or spillage.
- Keep away from incompatible products

6.2 Environmental precautions
- Should not be released into the environment.
- If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up
- Dilute with plenty of water.
- Dam up.
- Do not mix waste streams during collection.
- Soak up with inert absorbent material.
- Keep in properly labelled containers.
- Keep in suitable, closed containers for disposal.
- Never return spills in original containers for re-use.
- Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections
- Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
- Use only in well-ventilated areas.
- Before all operations, passivate the piping circuits and vessels according to the procedure recommended by the producer.
- Use only clean and dry utensils.
- Never return unused material to storage receptacle.
- Keep away from heat.
- Avoid inhalation, ingestion and contact with skin and eyes.
- Keep away from incompatible products

Hygiene measures
- Ensure that eyewash stations and safety showers are close to the workstation location.
- Take off contaminated clothing and shoes immediately.
- Wash contaminated clothing before re-use.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities
Technical measures/Storage conditions
- Keep only in the original container.
- Store in a receptacle equipped with a vent.
- Store in a well-ventilated place. Keep cool.
- Keep in properly labelled containers.
- Keep container closed.
- Keep in a bunded area.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Regularly check the condition and temperature of the containers.
- Keep away from:
  - Incompatible products

Packaging material
Suitable material
- aluminium 99.5 %
- stainless steel 304L / 316L
- Approved grades of HDPE.

7.3 Specific end use(s)
- Contact your supplier for additional information

<table>
<thead>
<tr>
<th>SECTION 8: Exposure controls/personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.1 Control parameters</td>
</tr>
<tr>
<td>Components with national occupational exposure limits</td>
</tr>
<tr>
<td>Components</td>
</tr>
<tr>
<td>hydrogen peroxide</td>
</tr>
</tbody>
</table>

Components with other occupational exposure limits
| Components | Value type | Value | Basis |
| hydrogen peroxide | TWA | 1 ppm | USA. ACGIH Threshold Limit Values (TLV) |

8.2 Exposure controls

Control measures
- Provide adequate ventilation.
- Apply technical measures to comply with the occupational exposure limits.

Individual protection measures

Respiratory protection
- Use respirator when performing operations involving potential exposure to vapour of the product.
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Respirator with a vapour filter (EN 141)
- Recommended filter type: ABEK-P2
- Self-contained breathing apparatus in case of: 1) large uncontrolled emissions, 2) insufficient oxygen, 3) the mask and cartridge do not give adequate protection.

Hand protection
- Impervious gloves
- Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Suitable material
- PVC
- Natural Rubber
- butyl-rubber
- Nitrile rubber

Eye protection
- Chemical resistant goggles must be worn.
- If splashes are likely to occur, wear:
  - Tightly fitting safety goggles
  - Face-shield

Skin and body protection
- Impervious clothing
- If splashes are likely to occur, wear:
  - Chemical resistant apron
  - Boots
  - Suitable material
  - PVC
  - Natural Rubber

Hygiene measures
- Ensure that eyewash stations and safety showers are close to the workstation location.
- Take off contaminated clothing and shoes immediately.
- Wash contaminated clothing before re-use.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls
- Dispose of rinse water in accordance with local and national regulations.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>pungent</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>no data available</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>34 g/mol</td>
</tr>
<tr>
<td>pH</td>
<td>2.0 ( 21 °C)</td>
</tr>
<tr>
<td></td>
<td>H2O2 50 %</td>
</tr>
<tr>
<td>pKa</td>
<td>11.6 ( 25 °C)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Freezing point: -33 °C</td>
</tr>
<tr>
<td></td>
<td>H2O2 35 %</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Boiling point/boiling range: 108 °C</td>
</tr>
<tr>
<td></td>
<td>H2O2 35 %</td>
</tr>
<tr>
<td>Flash point</td>
<td>does not flash</td>
</tr>
<tr>
<td>Evaporation rate (Butylacetate = 1)</td>
<td>no data available</td>
</tr>
</tbody>
</table>
### Flammability (liquids)
The product is not flammable.

### Flammability/Explosive limit
**Explosiveness:**
- Not explosive
- With certain materials (see section 10).

### Auto-ignition temperature
The product is not flammable.

### Vapour pressure
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 hPa (30 °C)</td>
<td>H2O2 50 %</td>
</tr>
</tbody>
</table>

### Vapour density
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>H2O2 50 %</td>
</tr>
</tbody>
</table>

### Density
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### Relative density
1.1 - 1.2

### Solubility
- Water solubility: completely soluble

### Partition coefficient: n-octanol/water
**log Pow:** -1.57
**Method:** Calculation method

### Decomposition temperature
- >= 60 °C
  - Self-Accelerating decomposition temperature (SADT)
- < 60 °C
  - Slow decomposition

### Viscosity
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity, dynamic</td>
<td>1.17 mPa.s (20 °C)</td>
</tr>
<tr>
<td>H2O2 50 %</td>
<td></td>
</tr>
</tbody>
</table>

### Explosive properties
- no data available

### Oxidizing properties
- Not considered as oxidizing

### 9.2 Other information
- **Henry’s Constant**
  - 0.00075 Pa.m3/mol (20 °C)
  - not significant, Air, Volatility

### Surface tension
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>75.6 mN/m (20 °C)</td>
<td>H2O2 50 %</td>
</tr>
</tbody>
</table>

---

**SECTION 10: Stability and reactivity**

### 10.1 Reactivity
- Contact with other material may cause fire.
- Decomposes on heating with potential large quantities of gas release (oxygen).
- Potential for exothermic hazard

### 10.2 Chemical stability
- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
- Contact with combustible material may cause fire.
- Contact with flammables may cause fire or explosions.
- Contact with incompatible material may cause exothermic decomposition with gas release.
- Risk of explosion if heated under confinement.
- Fire or intense heat may cause violent rupture of packages.

10.4 Conditions to avoid
- Contamination
- To avoid thermal decomposition, do not overheat.

10.5 Incompatible materials
- Acids
- Bases
- Metals
- Heavy metal salts
- Powdered metal salts
- Reducing agents
- Organic materials
- Flammable materials

10.6 Hazardous decomposition products
- Oxygen

SECTION 11: Toxicological information

11.1 Information on toxicological effects

**Acute toxicity**

**Acute oral toxicity**
Acute toxicity estimate: 431 mg/kg - Rat, male and female
Test substance: Hydrogen peroxide
Unpublished reports

**Acute inhalation toxicity**
LC50 - 4 h (vapour) > 0.17 mg/l - Rat
Test substance: Hydrogen peroxide
No mortality observed at this concentration.
Unpublished reports

**Acute dermal toxicity**
Acute toxicity estimate: 6,440 mg/kg - Rabbit
Test substance: Hydrogen peroxide
Unpublished reports

**Acute toxicity (other routes of administration)**
no data available

**Skin corrosion/irritation**
Causes skin irritation.

**Serious eye damage/eye irritation**
Causes serious eye damage.
Respiratory or skin sensitisation
hydrogen peroxide
Does not cause skin sensitisation.
not sensitising

Mutagenicity
Genotoxicity in vitro
hydrogen peroxide
Ames test
with and without metabolic activation
positive
Published data
Chromosome aberration test in vitro
with and without metabolic activation
positive
Unpublished reports

Genotoxicity in vivo
hydrogen peroxide
In vivo micronucleus test - Mouse
Oral
Method: OECD Test Guideline 474
negative
Unpublished reports

Carcinogenicity
hydrogen peroxide
no data available

Toxicity for reproduction and development
Toxicity to reproduction/Fertility
hydrogen peroxide
No toxicity to reproduction

Developmental Toxicity/Teratogenicity
hydrogen peroxide
No toxicity to reproduction

STOT
STOT - single exposure
hydrogen peroxide
Exposure routes: Inhalation
Target Organs: Respiratory Tract
May cause respiratory irritation.

STOT - repeated exposure
hydrogen peroxide
The substance or mixture is not classified as specific target organ toxicant,
repeated exposure according to GHS criteria.
hydrogen peroxide
Inhalation (vapour) 90-day - Rat
NOAEC: 7 ppm
Target Organs: Respiratory Tract
Method: OECD Test Guideline 413
Unpublished reports

90-day - Rat
NOAEL: 100 ppm
Target Organs: Gastrointestinal tract
Method: OECD Test Guideline 408
drinking water
Unpublished reports

**Aspiration toxicity**

no data available

---

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic Compartment**

**Acute toxicity to fish**

gasoline peroxide

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 - 96 h</td>
<td>16.4 mg/l</td>
</tr>
<tr>
<td>Pimephales promelas (fathead minnow)</td>
<td></td>
</tr>
<tr>
<td>semi-static test</td>
<td></td>
</tr>
<tr>
<td>Analytical monitoring: yes</td>
<td></td>
</tr>
<tr>
<td>Unpublished internal reports</td>
<td></td>
</tr>
</tbody>
</table>

Harmful to fish.

**Acute toxicity to daphnia and other aquatic invertebrates.**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 - 48 h</td>
<td>2.4 mg/l</td>
</tr>
<tr>
<td>Daphnia pulex (Water flea)</td>
<td></td>
</tr>
<tr>
<td>semi-static test</td>
<td></td>
</tr>
<tr>
<td>Analytical monitoring: yes</td>
<td></td>
</tr>
<tr>
<td>Unpublished internal reports</td>
<td></td>
</tr>
</tbody>
</table>

Toxic to aquatic invertebrates.

**Toxicity to aquatic plants**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ErC50 - 72 h</td>
<td>2.62 mg/l</td>
</tr>
<tr>
<td>Skeletonema costatum (marine diatom)</td>
<td></td>
</tr>
<tr>
<td>static test</td>
<td></td>
</tr>
<tr>
<td>Analytical monitoring: yes</td>
<td></td>
</tr>
<tr>
<td>Unpublished internal reports</td>
<td></td>
</tr>
</tbody>
</table>

Toxic to algae.

**Toxicity to microorganisms**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 - 0.5 h</td>
<td>466 mg/l</td>
</tr>
<tr>
<td>activated sludge</td>
<td></td>
</tr>
<tr>
<td>static test</td>
<td></td>
</tr>
<tr>
<td>Analytical monitoring: yes</td>
<td></td>
</tr>
<tr>
<td>Method: OECD Test Guideline 209</td>
<td></td>
</tr>
<tr>
<td>Unpublished internal reports</td>
<td></td>
</tr>
</tbody>
</table>

**Chronic toxicity to fish**

no data available

**Chronic toxicity to daphnia and other aquatic invertebrates.**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOEC: 0.63 mg/l</td>
<td>21 Days - Daphnia magna (Water flea)</td>
</tr>
<tr>
<td>flow-through test</td>
<td></td>
</tr>
<tr>
<td>Analytical monitoring: yes</td>
<td></td>
</tr>
<tr>
<td>Published data</td>
<td></td>
</tr>
</tbody>
</table>

Harmful to aquatic invertebrates with long lasting effects.

**Chronic Toxicity to aquatic plants**

no data available
12.2 Persistence and degradability

**Abiotic degradation**
no data available

**Physical- and photo-chemical elimination**
no data available

**Biodegradation**

- **Biodegradability**
  - hydrogen peroxide
  - Ready biodegradability study:
    - Method: Degradation in sewage treatment plants
    - The substance fulfills the criteria for ultimate aerobic biodegradability and ready biodegradability
    - Inoculum: activated sludge
    - Unpublished internal reports

**Degradability assessment**

- hydrogen peroxide
  - The product is considered to be rapidly degradable in the environment

12.3 Bioaccumulative potential

- **Partition coefficient: n-octanol/water**
  - hydrogen peroxide
  - Not potentially bioaccumulable

- **Bioconcentration factor (BCF)**
  - hydrogen peroxide
  - Not potentially bioaccumulable

12.4 Mobility in soil

- **Adsorption potential (Koc)**
  - hydrogen peroxide
  - Adsorption/Soil
    - Koc: 1.58
    - Log Koc: 0.2
    - Method: Structure-activity relationship (SAR)
    - Unpublished reports

**Known distribution to environmental compartments**

- hydrogen peroxide
  - Ultimate destination of the product: Water

12.5 Results of PBT and vPvB assessment
Not applicable
12.6 Other adverse effects

no data available

Ecotoxicity assessment

Acute aquatic toxicity
hydrogen peroxide
Toxic to aquatic life.

Chronic aquatic toxicity
hydrogen peroxide
Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product Disposal
- Limited quantity
- Dilute with plenty of water.
- Flush into sewer with plenty of water.
- Maximum quantity
- Contact manufacturer.
- Contact waste disposal services.
- In accordance with local and national regulations.

Advice on cleaning and disposal of packaging
- Empty containers.
- Clean container with water.
- Dispose of rinse water in accordance with local and national regulations.
- Where possible recycling is preferred to disposal or incineration.
- In accordance with local and national regulations.

SECTION 14: Transport information

Road and Rail transport – ADG (Australia)

14.1 UN number
UN 2014

14.2 Proper shipping name
HYDROGEN PEROXIDE, AQUEOUS SOLUTION

14.3 Transport hazard class
5.1
Subsidiary hazard class
8
Label(s)
5.1 (8)

14.4 Packing group
Packing group
II
Hazchem Code
2P

14.5 Environmental hazards
Marine pollutant
NO

14.6 Special precautions for user
For personal protection see section 8.
IMDG

14.1 UN number       UN 2014
14.2 Proper shipping name       HYDROGEN PEROXIDE, AQUEOUS SOLUTION
14.3 Transport hazard class      5.1
Subsidiary hazard class        8
Label(s)                   5.1 (8)

14.4 Packing group
Packing group                  II

14.5 Environmental hazards
Marine pollutant               NO

14.6 Special precautions for user
EmS                           F-H, S-Q
For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
no data available

IATA

14.1 UN number       UN 2014
14.2 Proper shipping name       HYDROGEN PEROXIDE, AQUEOUS SOLUTION
14.3 Transport hazard class      5.1
Subsidiary hazard class        8
Label(s)                   5.1 (8)

14.4 Packing group
Packing group                  II
Packing instruction (cargo aircraft)  554
Max net qty/pkg                5.00 L
Packing instruction (passenger aircraft)  550
Max net qty/pkg                1.00 L

14.5 Environmental hazards
Marine pollutant               NO

14.6 Special precautions for user
For personal protection see section 8.

Other information              :  IATA: permitted under 40%

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15: Regulatory information

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

Poison Schedule (SUSMP Australia)
- Schedule 5: Caution
SAFETY DATA SHEET

HYDROGEN PEROXIDE ASEPTIC PACKAGING GRADES / Interox® AG Spray / Interox® AG Spray S / Interox® AG Bath / Interox® AG Bath S

Revision Date   16.03.2017

Notification status

<table>
<thead>
<tr>
<th>Inventory Information</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States TSCA Inventory</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Canadian Domestic Substances List (DSL)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Australia Inventory of Chemical Substances (AICS)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Japan. CSCL - Inventory of Existing and New Chemical Substances</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Korea. Korean Existing Chemicals Inventory (KECI)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>China. Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Mexico INSQ (INSQ)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>New Zealand. Inventory of Chemical Substances</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH)</td>
<td>- If product is purchased from Solvay in Europe it is in compliance with REACH, if not please contact the supplier.</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Full text of H-Statements
- H271 May cause fire or explosion; strong oxidiser.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- H401 Toxic to aquatic life.

Key or legend to abbreviations and acronyms used in the safety data sheet
- TWA Exposure standard - time weighted average
- ca. approximately

Further information
- This sheet was updated (refer to the date at the top of this page). Subheadings and text which have been modified since the previous version are indicated with two vertical bars.
- Distribute new edition to clients

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. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.