Diversey
A SOLENIS COMPANY

# Safety Data Sheet

## OXIVIR TB WIPES

**Revision:** 2024-07-31 **Version:** 01.2

## SECTION 1: Identification of the substance/mixture and supplier

**1.1 Product identifier**
**Product name:** OXIVIR TB WIPES

**1.2 Recommended use and restrictions on use**
**Identified uses:**
Disinfectant cleaner
**Restrictions of use:**
Uses other than those identified are not recommended

**1.3 Details of the supplier**
Diversey Australia Pty. Limited
Unit 8, 55 Newton Road, Wetherill Park, NSW, 2164
1-7 Bell Grove, Braeside, VIC 3195
Telephone: 1800 647 779 (toll free)
Email: aucustserv@solenis.com
Website: diversey.com.au

**1.4 Emergency telephone number**
Seek medical advice (show the label or safety data sheet where possible)
Call 1800 033 111 (24hrs)

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

Not classified as hazardous

**2.2 Label elements**
Not applicable

**2.3 Other hazards**
No other hazards known.

## SECTION 3: Composition/information on ingredients

**3.1 Substances / Mixtures**

| Ingredient(s) | CAS# | EC number | Weight percent |
|---|---|---|---|
| benzyl alcohol | 100-51-6 | 202-859-9 | 3-10 |

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

## SECTION 4: First aid measures

**4.1 Description of first aid measures**
**Inhalation:** Get medical attention or advice if you feel unwell.
**Skin contact:** Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
**Eye contact:** Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.
**Ingestion:** Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.

**4.2 Most important symptoms and effects, both acute and delayed**
**Inhalation:** No known effects or symptoms in normal use.
**Skin contact:** No known effects or symptoms in normal use.
**Eye contact:** No known effects or symptoms in normal use.
**Ingestion:** No known effects or symptoms in normal use.

**4.3 Indication of any immediate medical attention and special treatment needed**
No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**Poison Information Center:** Call 13 11 26 (Australia Wide).

## SECTION 5: Firefighting measures

**5.1 Extinguishing media**
Carbon dioxide. Dry powder. Sand. Alcohol-resistant foam. Do not use water.

**5.2 Special hazards arising from the substance or mixture**
No special hazards known.

**5.3 Advice for firefighters**
As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**5.4 Hazchem code**
*None allocated*

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**
No special measures required.

**6.2 Environmental precautions**
Do not allow to enter drainage system, surface or ground water.

**6.3 Methods and material for containment and cleaning up**
Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

**6.4 Reference to other sections**
For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**
**Measures to prevent fire and explosions:**
No special precautions required.

**Measures required to protect the environment:**
For environmental exposure controls see subsection 8.2.

**Advices on general occupational hygiene:**
Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless adviced by Diversey.

**7.2 Conditions for safe storage, including any incompatibilities**
Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep from freezing.
For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**7.3 Specific end use(s)**
No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**
**Workplace exposure limits**

Air limit values, if available:

| Ingredient(s) | Long term value(s) (TWA) | Short term value(s) (STEL) | Peak value(s) |
|---|---|---|---|
| Hydrogen peroxide | 1 ppm<br>1.4 mg/m³ | | |

Biological limit values, if available:

**8.2 Exposure controls**

*The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.*

*If available, please refer to the product information sheet for application and handling instructions.*
*Normal use conditions are assumed for this section.*

*Recommended safety measures for handling the undiluted product:*

**Appropriate engineering controls:** No special requirements under normal use conditions.
**Appropriate organisational controls:** No special requirements under normal use conditions.

**Personal protective equipment**
**Eye / face protection:** No special requirements under normal use conditions.
**Hand protection:** No special requirements under normal use conditions.
**Body protection:** No special requirements under normal use conditions.
**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

## SECTION 9: Physical and chemical properties

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

| | **Method / remark** |
|---|---|
| **Physical state:** Solid | |
| **Appearance:** Wet wipes | |
| **Colour:** White | |
| **Odour:** Product specific | |
| **Odour threshold:** Not applicable | |
| **pH:** ≈ 3 (neat) | ISO 4316 |
| **Melting point/freezing point (°C):** Not determined | Not relevant to classification of this product |
| **Initial boiling point and boiling range (°C):** Not determined | |
| **Flammability (liquid):** Not flammable. | |
| **Flash point (°C):** > 93.3 °C | closed cup |
| **Sustained combustion:** Not applicable. | |
| *( UN Manual of Tests and Criteria, section 32, L.2 )* | |
| **Evaporation rate:** Not determined | Not relevant to classification of this product |
| **Flammability (solid, gas):** Not applicable to liquids | |
| **Lower and upper explosion limit/flammability limit (%):** Not determined | |
| **Vapour pressure:** Not determined | |
| **Relative density:** ≈ 1.01 (20 °C) | OECD 109 (EU A.3) |
| **Relative vapour density:** Not determined. | Not relevant to classification of this product |
| **Particle characteristics:** No data available. | Not applicable to liquids. |
| **Solubility in / Miscibility with water:** Not miscible or difficult to mix | |
| **Partition coefficient: n-octanol/water** No information available. | |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

**Autoignition temperature:** Not determined
**Decomposition temperature:** Not applicable.
**Kinematic viscosity:** Not determined
**Explosive properties:** Not explosive.
**Oxidising properties:** Not oxidising.

**9.2 Other information**
**Surface tension (N/m):** Not determined
**Corrosion to metals:** Not corrosive

## SECTION 10: Stability and reactivity

**10.1 Reactivity**
No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**
Stable under normal storage and use conditions.

**10.3 Possibility of hazardous reactions**
No hazardous reactions known under normal storage and use conditions.

**10.4 Conditions to avoid**
None known under normal storage and use conditions.

**10.5 Incompatible materials**
Reacts with alkali.

**10.6 Hazardous decomposition products**
None known under normal storage and use conditions.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

Mixture data: .

**Relevant calculated ATE(s):**
ATE - Oral (mg/kg): >2000
ATE - Inhalatory, mists (mg/l): >5

**Skin irritation and corrosivity**
**Result:** Not corrosive or irritant **Method:** OECD 404 (EU B.4)
**Eye irritation and corrosivity**
**Result:** Not corrosive or irritant **Species:** Rabbit **Method:** OECD 405 (EU B.5)

Substance data, where relevant and available, are listed below:.

**Acute toxicity**
Acute oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) |
|---|---|---|---|---|---|
| benzyl alcohol | $LD_{50}$ | 1200 | Rat | Method not given | |
| Hydrogen peroxide | $LD_{50}$ | > 300-2000 | Rat | Weight of evidence | |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) |
|---|---|---|---|---|---|
| benzyl alcohol | $LD_{50}$ | > 2000 | Rabbit | Method not given | |
| Hydrogen peroxide | $LD_{50}$ | > 2000 | Rabbit | Substance was tested as 35 % aqueous solution | |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---|---|---|---|---|---|
| benzyl alcohol | $LC_{50}$ | > 5 (mist) | Rat | OECD 403 (EU B.2) | 4 |
| Hydrogen peroxide | $LC_{0}$ | No mortality observed (vapour) | Rat | Method not given | 4 |

**Irritation and corrosivity**
Skin irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---|---|---|---|---|
| benzyl alcohol | No data available | | | |
| Hydrogen peroxide | Corrosive | Rabbit | Method not given | |

Eye irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---|---|---|---|---|
| benzyl alcohol | Irritant | | Method not given | |
| Hydrogen peroxide | Corrosive | Rabbit | Method not given | |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---|---|---|---|---|
| benzyl alcohol | No data available | | | |
| Hydrogen peroxide | Irritating to respiratory tract | | Method not given | |

**Sensitisation**
Sensitisation by skin contact

| Ingredient(s) | Result | Species | Method | Exposure time (h) |
|---|---|---|---|---|
| benzyl alcohol | Sensitising | | Method not given | |
| Hydrogen peroxide | Not sensitising | Guinea pig | Method not given | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|---|---|---|---|---|
| benzyl alcohol | Not sensitising | | | |
| Hydrogen peroxide | No data available | | | |

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Mutagenicity

| Ingredient(s) | Result (in-vitro) | Method (in-vitro) | Result (in-vivo) | Method (in-vivo) |
|---|---|---|---|---|
| benzyl alcohol | No data available | | No data available | |
| Hydrogen peroxide | No evidence for mutagenicity | OECD 471 (EU B.12/13) | No evidence of genotoxicity, negative test results | Method not given |

Carcinogenicity

| Ingredient(s) | Effect |
|---|---|
| benzyl alcohol | No data available |
| Hydrogen peroxide | No evidence for carcinogenicity, negative test results |

Toxicity for reproduction

| Ingredient(s) | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|---|---|---|---|---|---|---|---|
| benzyl alcohol | | | No data available | | | | |
| Hydrogen peroxide | | | No data available | | | | No evidence for reproductive toxicity |

**Repeated dose toxicity**

Sub-acute or sub-chronic oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | | |
| Hydrogen peroxide | NOAEL | 100 | Mouse | OECD 408 (EU B.26) | 90 | |

Sub-chronic dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | | |
| Hydrogen peroxide | | No data available | | | | |

Sub-chronic inhalation toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | | |
| Hydrogen peroxide | NOAEL | 7 | Mouse | OECD 413 (EU B.29) | 28 | |

Chronic toxicity

| Ingredient(s) | Exposure route | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time | Specific effects and organs affected | Remark |
|---|---|---|---|---|---|---|---|---|
| benzyl alcohol | | | No data available | | | | | |
| Hydrogen peroxide | | | No data available | | | | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) |
|---|---|
| benzyl alcohol | Not applicable |
| Hydrogen peroxide | No data available |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|---|---|
| benzyl alcohol | Not applicable |

| | |
|---|---|
| Hydrogen peroxide | No data available |

**Aspiration hazard**
Substances with an aspiration hazard (H304), if any, are listed in section 3.

**Potential adverse health effects and symptoms**
Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## SECTION 12: Ecological information

**12.1 Toxicity**

No data is available on the mixture .

Substance data, where relevant and available, are listed below:

**Aquatic short-term toxicity**
Aquatic short-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---|---|---|---|---|---|
| benzyl alcohol | $LC_{50}$ | 460 | *Fish* | Method not given | 96 |
| Hydrogen peroxide | $LC_{50}$ | 16.4 | *Pimephales promelas* | EPA-OPPTS 850.1075 | 96 |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---|---|---|---|---|---|
| benzyl alcohol | $EC_{50}$ | 230 | *Daphnia magna Straus* | Method not given | 48 |
| Hydrogen peroxide | $EC_{50}$ | 2.4 | *Daphnia pulex* | Method not given | 48 |

Aquatic short-term toxicity - algae

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---|---|---|---|---|---|
| benzyl alcohol | $EC_{50}$ | 640 | *Scenedesmus quadricauda* | Method not given | 96 |
| Hydrogen peroxide | $EC_{50}$ | 1.38 | *Skeletonema costatum (marine)* | OECD 201 (EU C.3) | 72 |

Aquatic short-term toxicity - marine species

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (days) |
|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | |
| Hydrogen peroxide | $ErC_{50}$ | 1.38 | *Skeletonema costatum* | Method not given | 72 |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l) | Inoculum | Method | Exposure time |
|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | |
| Hydrogen peroxide | $EC_{50}$ | 466 | *Activated sludge* | Method not given | |

**Aquatic long-term toxicity**
Aquatic long-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|---|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | | |
| Hydrogen peroxide | NOEC | 4.3 | *Pimephales promelas* | Method not given | 96 hour(s) | |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|---|---|---|---|---|---|---|
| benzyl alcohol | | No data available | | | | |
| Hydrogen peroxide | NOEC | 0.63 | *Daphnia magna* | Method not given | 21 day(s) | |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|---|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | | |

**Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | | |

Terrestrial toxicity - plants, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | | |

Terrestrial toxicity - birds, if available:

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure time (days) | Effects observed |
|---|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | | |

Terrestrial toxicity - beneficial insects, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | | |

Terrestrial toxicity - soil bacteria, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | | |

**12.2 Persistence and degradability**

**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

| Ingredient(s) | Half-life time | Method | Evaluation | Remark |
|---|---|---|---|---|
| Hydrogen peroxide | 24 hour(s) | Method not given | OH radical | |

Abiotic degradation - hydrolysis, if available:

| Ingredient(s) | Half-life time in fresh water | Method | Evaluation | Remark |
|---|---|---|---|---|
| Hydrogen peroxide | No data available | | | |

Abiotic degradation - other processes, if available:

| Ingredient(s) | Type | Half-life time | Method | Evaluation | Remark |
|---|---|---|---|---|---|
| Hydrogen peroxide | | No data available | | | |

**Biodegradation**

Ready biodegradability - aerobic conditions

| Ingredient(s) | Inoculum | Analytical method | $DT_{50}$ | Method | Evaluation |
|---|---|---|---|---|---|
| benzyl alcohol | | Method not given | 95 - 97% % in 21 day(s) | Method not given | Readily biodegradable |
| Hydrogen peroxide | Activated sludge, aerobe | Specific analysis (primary degradation) | > 50 % in < 1 day(s) | | Not applicable (inorganic substance) |

Ready biodegradability - anaerobic and marine conditions, if available:

| Ingredient(s) | Medium & Type | Analytical method | $DT_{50}$ | Method | Evaluation |
|---|---|---|---|---|---|
| Hydrogen peroxide | | | | | No data available |

Degradation in relevant environmental compartments, if available:

| Ingredient(s) | Medium & Type | Analytical method | $DT_{50}$ | Method | Evaluation |
|---|---|---|---|---|---|
| Hydrogen peroxide | | | | | No data available |

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

| Ingredient(s) | Value | Method | Evaluation | Remark |
|---|---|---|---|---|
| benzyl alcohol | 1.05 | Method not given | Low potential for bioaccumulation | |
| Hydrogen peroxide | -1.57 | | No bioaccumulation expected | |

Bioconcentration factor (BCF)

| Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|---|---|---|---|---|---|
| benzyl alcohol | No data available | | | Low potential for bioaccumulation | |
| Hydrogen peroxide | 1.4 | | QSAR | Low potential for bioaccumulation | |

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s) | Adsorption coefficient Log Koc | Desorption coefficient Log Koc(des) | Method | Soil/sediment type | Evaluation |
|---|---|---|---|---|---|
| benzyl alcohol | No data available | | | | Potential for mobility in soil, soluble in water |
| Hydrogen peroxide | 2 | | | | Mobile in soil |

**12.5 Other adverse effects**

No other adverse effects known.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Waste from residues / unused products:** The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**Empty packaging Recommendation:** Dispose of observing national or local regulations.

## SECTION 14: Transport information

**ADG, IMO/IMDG, ICAO/IATA**

**14.1 UN number or ID number:** Non-dangerous goods
**14.2 UN proper shipping name:** Non-dangerous goods
**14.3 Transport hazard class(es):** Non-dangerous goods
**14.4 Packing group:** Non-dangerous goods
**14.5 Environmental hazards:** Non-dangerous goods
**14.6 Special precautions for user:** Non-dangerous goods
**14.7 Maritime transport in bulk according to IMO instruments:** Non-dangerous goods

**Other relevant information:**
**Hazchem code:** None allocated

## SECTION 15: Regulatory information

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

**National regulations** Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.

**Poison schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Classification** Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.

| | |
|---|---|
| **Inventory listing(s)** | Australian Inventory of Industrial Chemicals: All components are listed on the inventory, or are exempt. |

## SECTION 16: Other information

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MS3100302 **Version:** 01.2 **Revision:** 2024-07-31

**Additional information:**
**Respirators:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

**Work practices - solvents:** Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

**Personal protective equipment guidelines:** The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**Health effects from exposure:** It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Abbreviations and acronyms:**
• DNEL - Derived No Effect Limit
• AUH - Non GHS hazard statement
• PNEC - Predicted No Effect Concentration
• ATE - Acute Toxicity Estimate
• LD50 - Lethal Dose, 50% / Median Lethal dose
• LC50 - Lethal Concentration, 50% / Median Lethal Concentration
• EC50 - effective concentration, 50%
• NOEL - No observed effect level
• NOAEL - No observed adverse effect level
• STOT-RE - Specific target organ toxicity (repeated exposure)
• STOT-SE - Specific target organ toxicity (single exposure)
• EC No. - European Community Number
• OECD - Organisation for Economic Cooperation and Development

**End of Safety Data Sheet**