

Prepared in accordance with the model Work Health and Safety Regulations and GHS (Revision 7).  
Date of issue: 12 June 2026. Version 2.0.

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE SUPPLIER

|                                      |                                                                                                              |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Product identifier</b>            | Nanocyn™ Advanced                                                                                            |
| <b>Other means of identification</b> | Hospital-grade disinfectant solution                                                                         |
| <b>Recommended use</b>               | Hospital-grade surface cleaner, sanitiser and disinfectant                                                   |
| <b>Restrictions on use</b>           | Use only as directed on the product label                                                                    |
| <b>Supplier</b>                      | MicroSafe Care Australia Pty Ltd (Exclusive Importer & Distributor)<br>PO Box 57, Stepney SA 5069, Australia |
| <b>Telephone</b>                     | +61 (0) 8 7082 3028                                                                                          |
| <b>Email</b>                         | info@microsafe.com.au                                                                                        |
| <b>Emergency telephone</b>           | Australian Poisons Information Centre 13 11 26<br>(24 hours)                                                 |

### 2. HAZARDS IDENTIFICATION

|                                   |                                                                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GHS classification</b>         | Not classified as hazardous according to the criteria of the model Work Health and Safety Regulations and GHS (Revision 7)                 |
| <b>Signal word</b>                | None                                                                                                                                       |
| <b>Hazard statement(s)</b>        | None                                                                                                                                       |
| <b>Pictogram(s)</b>               | None                                                                                                                                       |
| <b>Precautionary statement(s)</b> | None                                                                                                                                       |
| <b>Other hazards</b>              | None known. Not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). |

Supplementary (non-Australian) reference ratings:

U.S. HMIS – Health 0, Flammability 0, Reactivity 0, Personal Protection 0. U.S. NFPA 704 – Health 0, Flammability 0, Reactivity 0, Special hazard None. (Rating scale: 0 = Least, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme.) These US systems are provided for reference only and do not form part of the Australian GHS classification.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient                      | CAS No.        | Proportion           |
|---------------------------------|----------------|----------------------|
| Water / neutral oxidised saline | 7732-18-5      | Balance to 100% w/w  |
| Available chlorine              | Not applicable | 0.026% w/w (260 ppm) |

No ingredients are classified as hazardous above the relevant cut-off concentrations under GHS (Revision 7).

### 4. FIRST AID MEASURES

|                                                                |                                                                                                                                                                                                                                           |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                                             | Although this product is not known to cause eye irritation, if eyes become irritated, hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.          |
| <b>Skin contact</b>                                            | Although this product is not known to cause skin irritation, if skin becomes irritated, wash skin with plenty of soap and water while removing contaminated clothing and shoes. Seek medical attention if irritation worsens or persists. |
| <b>Inhalation</b>                                              | Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air. Seek medical attention if cough or other symptoms develop.                                                              |
| <b>Ingestion</b>                                               | Although this product is not known to cause ingestion problems, if ingested, drink plenty of water. Seek medical attention if gastric distress develops.                                                                                  |
| <b>Most important symptoms and effects (acute and delayed)</b> | No adverse health effects expected under normal use at room temperature.                                                                                                                                                                  |
| <b>Indication of medical attention / special treatment</b>     | Treat symptomatically. Always have water available for first aid.                                                                                                                                                                         |

### 5. FIRE-FIGHTING MEASURES

|                                                                       |                                                                                                                     |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                   | Product will not burn. Use extinguishing media appropriate to the surrounding fire.                                 |
| <b>Unsuitable extinguishing media</b>                                 | None known.                                                                                                         |
| <b>Specific hazards arising from the chemical</b>                     | None. Material will not burn. Flash point: None. Auto-ignition temperature: None. Flammable limits (LEL/UEL): None. |
| <b>Special protective equipment and precautions for fire-fighters</b> | No special requirements beyond standard practice for the surrounding fire.                                          |

### 6. ACCIDENTAL RELEASE MEASURES

|                                                                            |                                                                                                                                         |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | None required. Product is non-hazardous and non-toxic.                                                                                  |
| <b>Environmental precautions</b>                                           | None required. Product is 100% biodegradable and safe for aquatic life.                                                                 |
| <b>Methods and materials for containment and cleaning up</b>               | Contain and absorb with inert material or flush the area with water. Dispose of to drain or sewer in accordance with local regulations. |

### 7. HANDLING AND STORAGE

|                                      |                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b> | Non-toxic and non-irritating to skin, eyes and throat. No special handling requirements.                        |
| <b>Conditions for safe storage</b>   | Store between 5°C and 25°C, away from direct sunlight and heat. Do not freeze. Once opened, use within 30 days. |
| <b>Incompatible materials</b>        | Do not mix with products containing ammonia.                                                                    |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                            |                                                                                                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Occupational exposure limits</b>        | No workplace exposure standards have been established by Safe Work Australia for the ingredients of this product. |
| <b>Engineering controls</b>                | Not required under normal conditions of use.                                                                      |
| <b>Personal protective equipment (PPE)</b> | Not required under normal conditions of use.                                                                      |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                |                                       |
|------------------------------------------------|---------------------------------------|
| <b>Appearance</b>                              | Clear, colourless liquid              |
| <b>Odour</b>                                   | Minimal (faint chlorine odour)        |
| <b>Odour threshold</b>                         | Not available                         |
| <b>pH</b>                                      | Neutral                               |
| <b>Melting / freezing point</b>                | 0°C                                   |
| <b>Initial boiling point and range</b>         | > 100°C                               |
| <b>Flash point</b>                             | Not applicable (will not burn)        |
| <b>Evaporation rate</b>                        | Not available                         |
| <b>Flammability (solid, gas)</b>               | Not applicable (non-flammable liquid) |
| <b>Upper / lower flammability limits</b>       | Not applicable (None)                 |
| <b>Vapour pressure</b>                         | Not available                         |
| <b>Vapour density</b>                          | Not available                         |
| <b>Relative density / specific gravity</b>     | 1.0 (water = 1)                       |
| <b>Bulk density</b>                            | 1                                     |
| <b>Solubility (water)</b>                      | Complete                              |
| <b>Partition coefficient (n-octanol/water)</b> | Not available                         |
| <b>Auto-ignition temperature</b>               | Not applicable                        |
| <b>Viscosity</b>                               | Not available                         |
| <b>Explosive properties</b>                    | None                                  |

### 10. STABILITY AND REACTIVITY

|                                           |                                                              |
|-------------------------------------------|--------------------------------------------------------------|
| <b>Reactivity</b>                         | No dangerous reactions known under normal conditions of use. |
| <b>Chemical stability</b>                 | Stable under recommended storage and handling conditions.    |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation will not occur.                     |
| <b>Conditions to avoid</b>                | Heat, direct sunlight and freezing.                          |
| <b>Incompatible materials</b>             | Products containing ammonia.                                 |
| <b>Hazardous decomposition products</b>   | None. Decomposition will not occur under normal conditions.  |

### 11. TOXICOLOGICAL INFORMATION

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| <b>Ocular toxicity</b>      | Non-toxic                                                                              |
| <b>Dermal toxicity</b>      | Non-toxic                                                                              |
| <b>Oral toxicity</b>        | Non-toxic                                                                              |
| <b>Dermal sensitisation</b> | Does not cause dermal sensitisation                                                    |
| <b>Carcinogenicity</b>      | Non-carcinogenic. No known cancer hazards.                                             |
| <b>General</b>              | No adverse health effects expected under normal conditions of use at room temperature. |

### 12. ECOLOGICAL INFORMATION

|                                      |                                        |
|--------------------------------------|----------------------------------------|
| <b>Ecotoxicity</b>                   | No ecotoxicity. Safe for aquatic life. |
| <b>Persistence and degradability</b> | 100% biodegradable.                    |
| <b>General</b>                       | Presents no hazard to the environment. |

### 13. DISPOSAL CONSIDERATIONS

|                       |                                                                                  |
|-----------------------|----------------------------------------------------------------------------------|
| <b>Waste disposal</b> | Flush to drain or sewer in accordance with local, state and federal regulations. |
| <b>Precautions</b>    | None.                                                                            |
| <b>Containers</b>     | Please consider recycling the containers.                                        |

### 14. TRANSPORT INFORMATION

|                                |                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>ADG classification</b>      | Not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) |
| <b>UN number</b>               | None allocated                                                                                                                |
| <b>Proper shipping name</b>    | Not applicable                                                                                                                |
| <b>Technical name</b>          | Oxidised water                                                                                                                |
| <b>Hazard class</b>            | None                                                                                                                          |
| <b>Packing group</b>           | Not applicable                                                                                                                |
| <b>Marine pollutant</b>        | Not a marine pollutant                                                                                                        |
| <b>Air (IATA) / Sea (IMDG)</b> | Not classified as dangerous for transport                                                                                     |

### 15. REGULATORY INFORMATION

|                                       |                                                                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Therapeutic goods registration</b> | Nanocyn™ Advanced is entered in the Australian Register of Therapeutic Goods (ARTG), AUST L 520725, administered by the Therapeutic Goods Administration (TGA). |
| <b>Work health and safety</b>         | Classified in accordance with the model Work Health and Safety Regulations and GHS (Revision 7).                                                                |
| <b>Poisons standard</b>               | Not a Scheduled poison under the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP / Poisons Standard).                                       |

### 16. OTHER INFORMATION

|                                    |                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date of preparation / issue</b> | 12 June 2026                                                                                                                                                                                                                                                                                                                    |
| <b>Version</b>                     | 2                                                                                                                                                                                                                                                                                                                               |
| <b>Next review due</b>             | By 12 June 2031 (five-year review cycle)                                                                                                                                                                                                                                                                                        |
| <b>Abbreviations</b>               | ADG = Australian Dangerous Goods; ARTG = Australian Register of Therapeutic Goods; GHS = Globally Harmonized System; HOCl = hypochlorous acid; PPE = personal protective equipment; SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons; TGA = Therapeutic Goods Administration; WHS = Work Health and Safety. |

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