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| Infosafe No™ 1CHIF | Issue Date : November 2020 | RE-ISSUED by CHEMSUPP |
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Product Name **HYDROGEN PEROXIDE 3%**

Not classified as hazardous

## 1. Identification

|  |   |                     |
|--|---|---------------------|
| <b>GHS Product Identifier</b>                                  | HYDROGEN PEROXIDE 3%  |                     |
| <b>Company Name</b>  | CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)  |                     |
| <b>Address</b>   | 38 - 50 Bedford Street GILLMAN<br>SA 5013 Australia   |                     |
| <b>Telephone/Fax Number</b>                                    | Tel: (08) 8440-2000   |                     |
| <b>Emergency phone number</b>                                  | CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)  |                     |
| <b>E-mail Address</b>  | www.chemsupply.com.au   |                     |
| <b>Recommended use of the chemical and restrictions on use</b> | Bleaching wood pulp, textiles, feathers, hair, fur, silk, straw, ivory, flour, bone and gelatin, renovating paintings and engravings, oxidiser in the manufacture of dyes, disinfecting water and hides, artificially aging wines and liquors, refining oils and fats, antichlor, photography, electroplating, cleaning metals, seed disinfectant, mouth washes, sanitary lotions, dentrifices, pharmaceuticals, plasticizers, antiseptic and laboratory reagent. |                     |
| <b>Other Names</b>   | <b>Name</b>   | <b>Product Code</b> |
|  | HYDROGEN PEROXIDE 3% LR<br>Hydrogen dioxide, Peroxide   | HL004               |

### Other Information

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

## 2. Hazard Identification

|  |   |
|--|---|
| <b>GHS classification of the substance/mixture</b> | Not classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition, Safe Work Australia.<br>Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG). |
|--|---|

## 3. Composition/information on ingredients

| <b>Ingredients</b>       | <b>Name</b>                 | <b>CAS</b> | <b>Proportion</b> |
|--------------------------|-----------------------------|------------|-------------------|
|                          | Water                       | 7732-18-5  | 96.5-97.5 %       |
|                          | Hydrogen peroxide           | 7722-84-1  | 2.5-3.5 %         |
| <b>Other Information</b> | May contain <1% stabiliser. |            |                   |

## 4. First-aid measures

|                    |   |
|--------------------|---|
| <b>Inhalation</b>  | Remove victim to fresh air. Seek medical advice if effects persist.   |
| <b>Ingestion</b>   | Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.              |
| <b>Skin</b>        | Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. If persistent irritation occurs, obtain medical attention. |
| <b>Eye contact</b> | Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If persistent irritation occurs, obtain medical attention.                  |

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**First Aid Facilities**      Maintain eyewash fountain and safety shower in work area.

**Advice to Doctor**      Treat symptomatically based on judgement of doctor and individual reactions of the patient.

**Other Information**      For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor at once.

## 5. Fire-fighting measures

**Specific Methods**      Use extinguishing media most appropriate for the surrounding fire. This product contains a substantial proportion of water therefore there are no restrictions on the type of extinguishing media which may be used.

**Precautions in connection with Fire**      Wear SCBA and structural firefighter's uniform.

## 6. Accidental release measures

**Personal Protection**      Wear protective clothing specified for normal operations (see Section 8)

**Clean-up Methods - Small Spillages**      Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

## 7. Handling and storage

**Precautions for Safe Handling**      Do not breathe vapour. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

**Conditions for safe storage, including any incompatibilities**      Keep containers securely sealed and protected against physical damage. Protect from freezing. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapours, liquid). Store at +2 to +8 °C. Keep away from direct sunlight

## 8. Exposure controls/personal protection

| Occupational exposure limit values      | Name   | STEL  |     | TWA   |     | Footnote |
|---|--|-------|-----|-------|-----|----------|
|   |  | mg/m3 | ppm | mg/m3 | ppm |          |
|   | Hydrogen peroxide  |       |     | 1.4   | 1   |          |
| <b>Other Exposure Information</b>       | These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. |       |     |       |     |          |
|   | TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  |       |     |       |     |          |
| <b>Appropriate engineering controls</b> | Maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.  |       |     |       |     |          |
| <b>Respiratory Protection</b>           | Usually is not required.<br>Where protection is required from nuisance levels of dust or mists select respiratory protection that complies with AS 1716 - Respiratory Protective Devices and select in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels.       |       |     |       |     |          |
| <b>Eye Protection</b>                   | The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.  |       |     |       |     |          |
| <b>Hand Protection</b>                  | Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.                                     |       |     |       |     |          |
| <b>Footwear</b>                         | Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use. Recommendation: Rubber boots.  |       |     |       |     |          |
| <b>Body Protection</b>                  | Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765   |       |     |       |     |          |

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**Hygiene Measures** Clothing for Protection Against Hazardous Chemicals.  
Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. Physical and chemical properties

|                                       |                                  |
|---------------------------------------|----------------------------------|
| <b>Form</b>                           | Liquid                           |
| <b>Appearance</b>                     | Colourless liquid.               |
| <b>Odour</b>                          | Odourless.                       |
| <b>Melting Point</b>                  | ca. 0 °C                         |
| <b>Boiling Point</b>                  | ca. 100 °C                       |
| <b>Solubility in Water</b>            | Miscible.                        |
| <b>Solubility in Organic Solvents</b> | Soluble in alcohol.              |
| <b>Specific Gravity</b>               | 1.00                             |
| <b>Flammability</b>                   | Non combustible material.        |
| <b>Molecular Weight</b>               | 34.01                            |
| <b>Other Information</b>              | Refractive index: 1.3350 @ 20 °C |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Chemical Stability</b>               | Breaks down in sunlight. Rust sensitive.  |
| <b>Conditions to Avoid</b>              | Heat, sunlight/light.   |
| <b>Incompatible Materials</b>           | Alkalies, ammonia and their carbonates, albumin, balsam Peru, brass, iron and iron salts, finely powdered metals, copper, copper alloys, galvanized iron, zinc, nickel, reducing agents, dirt, rust, phenol, charcoal, chlorides, alkali citrates, ferrous salts, mercurous salts, gold salts, hypophosphites, iodides, lime water, permanganates, sulfites, tinctures, organic matter and many metals. |
| <b>Hazardous Decomposition Products</b> | May liberate toxic fumes in fire such as oxygen gas.  |
| <b>Hazardous Polymerization</b>         | Will not occur.   |

## 11. Toxicological Information

|                                  |  |
|----------------------------------|--|
| <b>Ingestion</b>                 | May be irritating to the mucous membranes. May cause nausea, pain and vomiting.  |
| <b>Skin</b>                      | Contact may result in drying and bleaching of the skin.  |
| <b>Eye</b>                       | May cause watering of eyes.  |
| <b>Respiratory sensitisation</b> | Not classified based on available information.   |
| <b>Skin Sensitisation</b>        | Not classified based on available information.   |
| <b>Germ cell mutagenicity</b>    | Not classified based on available information.   |
| <b>Carcinogenicity</b>           | Hydrogen peroxide [7722-84-1] is evaluated in the IARC Monographs (Vol. 36, Suppl. 7, Vol. 71; 1999) as Group 3: Not classifiable as to carcinogenicity to humans.<br>Not classified based on available information. |
| <b>Reproductive Toxicity</b>     | Not classified based on available information.   |
| <b>STOT-single exposure</b>      | Not classified based on available information.   |

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**STOT-repeated exposure** Not classified based on available information.

**Chronic Effects** Potential symptoms of overexposure are irritation of eyes, nose and throat, corneal ulceration, erythema, vesicles on skin and bleaching of hair.

**Mutagenicity** Not classified based on available information.

## 12. Ecological information

**Ecotoxicity** No ecological data available for this product. Quantitative data on the ecological effect of this product are not available. The product is believed to not be a dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other measures or relating to ecotoxicity.

## 13. Disposal considerations

**Disposal Considerations** Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.

## 14. Transport information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. Regulatory information

**Regulatory Information** All of the significant ingredients in this formulation are compliant with Australian Industrial Chemicals Introduction Scheme (AICIS) regulations. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

**Poisons Schedule** Not Scheduled

## 16. Other Information

**Literature References** 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.  
Safe Work Australia, 'Hazardous Chemical Information System'.  
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.  
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.

**Contact Person/Point** Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**  
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**Empirical Formula & Structural Formula** H2O2 (in aqueous solution (3%))

...End Of MSDS...

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