

## Section 1: Identification

|                                   |  |   |
|-----------------------------------|--|---|
| <b>Common Name/Trade Name</b>     | HYDROQUINONE   |   |
| <b>Supplier Information</b>       | Letco Medical, LLC<br>1316 Commerce Drive NW<br>Decatur, AL 35601<br>1 (800) 239-5288<br>+1 (734) 843-4693   | <b>IN CASE OF EMERGENCY:</b><br>Chemtrec<br>1 (800) 424-9300 (24 hours)<br>NSW Poisons Information Centre: 131 126 (24 hours) |
| <b>Distributor Name</b>           | Bella Corp Trading Pty Ltd<br>6/34 Dominions Road, Ashmore QLD 4214, Australia<br>Telephone: 07 5597 4169<br>Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a> |   |
| <b>Product Synonym(s)</b>         | 1, 4-Benzenediol; 1, Dihydroxybenzene; Hydrochinon; p-Dihydroxybenzene; Quinol;  |   |
| <b>Relevant Use(s) of Product</b> | Manufacture or Compounding of Substances   |   |

## Section 2: Hazards Identification

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|---|---|--|
| <b>Classification of Substance or Mixture</b> | Acute toxicity, oral (Category 4), Skin sensitization (Category 1), Serious eye damage (Category 1), Germ cell mutagenicity (Category 2), Carcinogenicity (Category 2), Acute aquatic toxicity (Category 1) |  |
| <b>Signal Word</b>                            | Danger  |  |
| <b>Hazard Statement(s)</b>                    | H302<br>H317<br>H318<br>H341<br>H351<br>H400  | Harmful if swallowed<br>May cause an allergic skin reaction<br>Causes serious eye damage<br>Suspected of causing genetic defects<br>Suspected of causing cancer<br>Very toxic to aquatic life  |
| <b>Pictogram(s)</b>                           |    |  |
| <b>Precautionary Statement(s)</b>             | P201<br>P202<br>P261<br>P264<br>P270<br>P272<br>P273<br>P280<br>P301+P312<br>P302+P352<br>P305+P351+P338<br>P308+P313<br>P310<br>P330<br>P333+P313<br>P362<br>P391<br>P405<br>P501                          | Obtain special instructions before use.<br>Do not handle until all safety precautions have been read and understood.<br>Avoid breathing dust/fume/gas/mist/vapours/spray.<br>Wash hands thoroughly after handling.<br>Do not eat, drink or smoke when using this product.<br>Contaminated work clothing should not be allowed out of the workplace.<br>Avoid release to the environment.<br>Wear protective gloves/protective clothing/eye protection/face protection.<br>IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell.<br>IF ON SKIN Wash with soap and water.<br>IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.<br>IF exposed or concerned Get medical advice/attention.<br>Immediately call a POISON CENTER or doctor/physician.<br>Rinse mouth.<br>If skin irritation or a rash occurs Get medical advice/attention.<br>Take off contaminated clothing and wash before reuse.<br>Collect spillage.<br>Store locked up.<br>Dispose of contents/container to an approved waste disposal plant. |
| <b>Hazards Not Otherwise Classified</b>       | Not classified.   |  |
| <b>Ingredient(s) with Unknown Toxicity</b>    | None known  |  |

## Section 3: Composition/Information on Ingredients

|  |                 |
|--|-----------------|
| <b>Chemical Name</b>                           | 1,4-Benzenediol |
| <b>Common Name</b>                             | Hydroquinone    |
| <b>CAS Number</b>                              | 123-31-9        |
| <b>Impurities and/or Stabilizing Additives</b> | N/A             |

## Section 4: First Aid Measures

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| <b>General Advice</b>                      | Show this safety data sheet to the doctor in attendance.   |
| <b>If Inhaled</b>                          | If breathed in, move to fresh air. If not breathing, give artificial respiration. Consult a physician.           |
| <b>In Case of Skin Contact</b>             | Wash off with soap and plenty of water. Consult a physician if necessary.  |
| <b>In Case of Eye Contact</b>              | Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.                             |
| <b>If Swallowed</b>                        | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician if necessary. |
| <b>Most Important Symptoms and Effects</b> | No data available.   |

## Section 5: Fire Fighting Measures

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| <b>Suitable Extinguishing Media</b>                       | Use water spray, foam, dry chemical or carbon dioxide.   |
| <b>Special Hazards Arising From the Substance/Mixture</b> | Special hazards arising from the substance: Carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ).   |
| <b>Special PPE and/or Precautions for Firefighters</b>    | As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. |

## Section 6: Accidental Release Measures

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| <b>Personal Precautions, Protective Equipment and Emergency Procedures</b> | Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.       |
| <b>Methods and Materials Used for Containment</b>                          | Do not allow material to be released to the environment without proper governmental permits. |
| <b>Cleanup Procedures</b>  | Sweep up and shovel. Keep in suitable, closed containers for disposal.                       |

## Section 7: Handling and Storage

|                                      |  |
|--------------------------------------|--|
| <b>Precautions for Safe Handling</b> | Avoid contact with skin and eyes. Wash hands and other exposed areas with soap and water before eating, drinking and when leaving work. Provide good ventilation. Avoid breathing dust. Obtain special instructions before use. Use personal protective equipment as required. Clean equipment and work surfaces with suitable detergent or solvent after use. |
| <b>Conditions for Safe Storage</b>   | Preserve in well-closed, light-resistant containers. Incompatible materials: Strong oxidizers. Protect against direct sunlight and air. Sources of ignition.   |

## Section 8: Exposure Controls/Personal Protection

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|---|--|
| <b>Components with Workplace Control Parameters</b> | Occupational Exposure Limits: Type: PEL 2 mg/m <sup>3</sup> . US. OSHA Table Z-1 limits for Air contaminants (29 CFR 1910.1000). Ceiling 2 mg/m <sup>3</sup> US. NIOSH: Pocket guide to Chemical Hazards. TWA 1 mg/m <sup>3</sup> US. ACGIH Threshold limit /values. No biological exposure limits noted for the ingredient. |
| <b>Appropriate Engineering Controls</b>             | General industrial hygiene and safety practice.  |
| <b>PPE - Eye/Face Protection</b>                    | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).  |
| <b>PPE - Skin Protection</b>                        | Wear appropriate protective clothing to prevent skin exposure. Remove contaminated clothing and wash before re-use. Do not get in eyes, on skin or on clothing.  |
| <b>PPE - Body Protection</b>                        | Choose body protection in relation to its type, to the concentration and amount of dangerous substance and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.                                      |
| <b>PPE - Respiratory Protection</b>                 | Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH (US) or CEN (EU) approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134).  |

## Section 9: Physical and Chemical Properties

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|---|---|
| <b>Appearance</b>                                   | Physical state: Solid. Color: White             |
| <b>Upper/Lower Flammability or Explosive Limits</b> | No data available.                              |
| <b>Odor</b>   | Odorless.                                       |
| <b>Vapor Pressure</b>                               | No data available                               |
| <b>Odor Threshold</b>                               | No data available.                              |
| <b>Vapor Density</b>                                | No data available                               |
| <b>pH</b>   | No data available                               |
| <b>Relative Density</b>                             | No data available.                              |
| <b>Melting Point/Freezing Point</b>                 | 172-174°C                                       |
| <b>Solubility</b>                                   | Soluble in water. Soluble in alcohol and ether. |
| <b>Initial Boiling Point and Boiling Range</b>      | No data available                               |
| <b>Flash Point</b>                                  | No data available                               |
| <b>Evaporation Rate</b>                             | No data available.                              |
| <b>Flammability (Solid, Gas)</b>                    | No data available.                              |
| <b>Partition Coefficient</b>                        | No data available                               |
| <b>Auto-Ignition Temperature</b>                    | No data available                               |
| <b>Decomposition Temperature</b>                    | No data available.                              |
| <b>Viscosity</b>                                    | No data available.                              |

## Section 10: Stability and Reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | No data available.                     |
| <b>Chemical Stability</b>                 | Stable under normal conditions.        |
| <b>Possibility of Hazardous Reactions</b> | No data available                      |
| <b>Conditions to Avoid</b>                | Heat, flames, sparks, Air, light.      |
| <b>Incompatible Materials</b>             | Strong oxidizing agents, strong bases. |
| <b>Hazardous Decomposition Products</b>   | Carbon oxides. Toxic fumes or gases.   |

## Section 11: Toxicological Information

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|---|---|
| <b>Acute Toxicity - LD50 Oral</b>                         | Oral, Rodent- mouse, LD50: 245 mg/kg. Oral, Rodent- rat, LD50: 302 mg/kg. Harmful if swallowed.                                   |
| <b>Acute Toxicity - Inhalation</b>                        | No data available   |
| <b>Acute Toxicity - Dermal</b>                            | Skin irritancy test. Result: Mild (2%); severe (5%). Species: Human. May cause an allergic skin reaction. Causes skin irritation. |
| <b>Acute Toxicity - Eye</b>                               | Causes serious eye damage.  |
| <b>Skin Corrosion/Irritation</b>                          | Causes skin irritation.   |
| <b>Serious Eye Damage/Irritation</b>                      | Causes serious eye damage.  |
| <b>Respiratory or Skin Sensitization</b>                  | No data available.  |
| <b>Germ Cell Mutagenicity</b>                             | Suspected of causing genetic defects.   |
| <b>Carcinogenicity IARC</b>                               | Suspected of causing cancer.  |
| <b>Carcinogenicity ACGIH</b>                              | Suspected of causing cancer.  |
| <b>Carcinogenicity NTP</b>                                | Suspected of causing cancer.  |
| <b>Carcinogenicity OSHA</b>                               | Suspected of causing cancer.  |
| <b>Reproductive Toxicity</b>                              | No data available.  |
| <b>Specific Target Organ Toxicity - Single Exposure</b>   | No data available   |
| <b>Specific Target Organ Toxicity - Repeated Exposure</b> | No data available.  |
| <b>Aspiration Hazard</b>                                  | Not classified.   |

## Section 12: Ecological Information

|                                      |   |
|--------------------------------------|---|
| <b>Toxicity</b>                      | Very toxic to aquatic life. Aquatic: Crustacea, Test: EC50, Water flea (Daphnia magna): 0.12-0.15 mg/l, 48 hrs. Fish, Test: LC50, Rainbow trout, Donaldson trout (Oncorhynchus mykiss): 0.044 mg/l, 96 hrs. |
| <b>Persistence and Degradability</b> | No data available.  |
| <b>Bio-accumulative Potential</b>    | No data available.  |
| <b>Mobility in Soil</b>              | No data available.  |
| <b>Other Adverse Effects</b>         | No data available.  |

## Section 13: Disposal Considerations

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| <b>Waste Treatment Methods Product</b>               | Product should not be released into the environment. Disposal should be carried out via an approved contractor according to all federal, state, and local regulations.   |
| <b>Waste Treatment Methods Packaging</b>             | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of as unused product. |
| <b>Special Precautions Landfill or Incinerations</b> | No data available  |
| <b>Other Information</b>                             | No data available  |

## Section 14: Transport Information

|                                   |  |
|-----------------------------------|--|
| <b>UN Number</b>                  | UN3077   |
| <b>UN Proper Shipping Name</b>    | Environmentally hazardous substances, solid, n.o.s. (Hydroquinone) |
| <b>Transport Hazard Class(es)</b> | 9  |
| <b>Packaging Group</b>            | III  |
| <b>Environmental Hazards</b>      | ADR/RID: No. IMDG Marine pollutant: yes. IATA: No.                 |

## Section 15: Regulatory Information

Australia AICS Inventory, substance is regulated on AICS. Canada Inventory status on DSL and NDSL, Substance is regulated on DSL. Regulatory List Number: CANADA 91. China Inventory status on IECSC, Substance is regulated on IECSC. European Union REACH Inventory, Substance is listed on REACH. Regulatory List Number EC No.: 204-617-8. EINECS No.: 204-617-8. India Inventory status, Substance is listed. Regulatory List Number: INDIA 319. Japan Inventory status, Substance is listed on ENCS. Regulatory List Number ENCS No.: 3-543. Korea Inventory status, Substance is listed on ECL. Regulatory List Number ECL Serial No.: 2010-1-610; KE-02558. Mexico Inventory status on INSQ, Substance is listed on INSQ. New Zealand Inventory Status, Substance is regulated on NZIoC. Philippines Inventory Status, Substance is regulated on PICCS. Singapore Inventory status, Substance is listed. Regulatory List Number: SINGAPORE PCDHYD111. Switzerland Inventory status on SWISS, Substance is listed on SWISS. Regulatory List Number SWISS No.: G-1691. United States: TSCA Inventory Substance is regulated on TSCA. OSHA Substance is regulated. International Inventories: Australia (AICS) Yes. Canada (DSL) Yes. Canada (NDSL) No. China (IECSC) Yes. Europe (EINECS) Yes. Europe (ELINCS) No. Japan (ENCS) Yes. Korea (ECL) Yes. Mexico (INSQ) Yes. New Zealand (NZIoC) Yes. Philippines (PICCS) Yes. Switzerland (SWISS) Yes. United States (TSCA) Yes. 'Yes' indicates that all components of this product comply with the inventory requirements. 'No' indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country (s).

## Section 16: Other Information

|                               |                  |
|-------------------------------|------------------|
| <b>Additional Information</b> | N/A              |
| <b>Prepared By</b>            | Scarlotte Smith  |
| <b>Revision Date</b>          | 08/09/2023 13:14 |

### Disclaimer

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