


### Section 1: Identification

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

### Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Reproductive toxicity (Category 2)	
<b>Signal Word</b>	Warning	
<b>Hazard Statement(s)</b>	H361 Suspected of damaging fertility or the unborn child	
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P281 Use personal protective equipment as required. P308+P313 IF exposed or concerned Get medical advice/attention. P405 Store locked up.	
<b>Hazards Not Otherwise Classified</b>	Very strong dust explosion characteristic. Very high sensitivity to ignition.	
<b>Ingredient(s) with Unknown Toxicity</b>	No data available	

### Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	N/A
<b>Common Name</b>	Hydrocortisone
<b>CAS Number</b>	50-23-7
<b>Impurities and/or Stabilizing Additives</b>	No data available

### Section 4: First Aid Measures

<b>General Advice</b>	No data available
<b>If Inhaled</b>	Remove to fresh air and keep patient at rest. Seek medical attention immediately.
<b>In Case of Skin Contact</b>	Wash exposed area with soap and water, remove contaminated clothing and obtain medical assistance if irritation occurs. This material may not be completely removed by conventional laundering. Consult professional laundry service. Do not home launder.
<b>In Case of Eye Contact</b>	Flush eye(s) immediately with plenty of water. If irritation occurs or persists, get medical attention.
<b>If Swallowed</b>	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.
<b>Most Important Symptoms and Effects</b>	For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification. Medical Conditions Aggravated by Exposure: None known. Notes to Physician: None. Information on Toxicological Effects: May cause minimal eye irritation (based on animal data). May be harmful if swallowed. May be harmful if absorbed through the skin. Accidental ingestion may cause effects similar to those seen in clinical use. Long Term: Known Clinical Effects: Animal studies have shown a potential to cause adverse effects on the fetus. Ingestion of this material may cause effects similar to those seen in clinical use including nausea, vomiting, muscle cramps, weakness, nervousness, restlessness, trouble sleeping. Clinical use has resulted in changes in electrolytes and/or blood chemistry changes. Drugs of this class may cause Cushing's syndrome, manifested by moon face, obesity, headache, acne, thirst, increased urination, impotence, menstrual irregularities, facial hair growth, and mental changes. Clinical use may cause an increase in blood pressure (hypertension).

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Extinguish fires with CO <sub>2</sub> , extinguishing powder, foam, or water.
<b>Special Hazards Arising From the Substance/Mixture</b>	Formation of toxic gases is possible during heating or fire. May include oxides of carbon. Very strong dust explosion characteristic. Very high sensitivity of a dust cloud to ignition, based on minimum ignition energy.
<b>Special PPE and/or Precautions for Firefighters</b>	During all firefighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.
<b>Methods and Materials Used for Containment</b>	Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.
<b>Cleanup Procedures</b>	Contain the source of the spill if it is safe to do so. Collect spilled material by a method that controls dust generation. Avoid use of a filtered vacuum to clean spills of dry solids, due to the potential for electrostatic discharge and the very strong dust explosion characteristic and very high sensitivity to ignition. Additional consideration for Large Spills: Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Ground and bond all bulk transfer equipment. Avoid open handling. Minimize dust generation. All conductive elements of the system that contact the dry substance should be properly bonded and grounded and equipped with proper explosion relief or suppression systems. This material should not be flowed through nonconductive ducts or pipes because of the potential for electrostatic discharge ignition. Restricting the use of high resistivity materials, such as plastics, should be considered. Use local exhaust ventilation or perform work under fume hood/fume cupboard. Avoid inhalation and contact with skin, eye, and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash hands and any exposed skin after removal of PPE. Releases to the environment should be avoided. Review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.
<b>Conditions for Safe Storage</b>	Store at room temperature in properly labeled containers. Keep away from heat, sparks and flames.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	Manufacturer OEL TWA-8 Hr: 100 ug/m <sup>3</sup> , Skin
<b>Appropriate Engineering Controls</b>	Engineering controls should be used as the primary means to control exposures. Use process containment, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.
<b>PPE - Eye/Face Protection</b>	Wear safety glasses as minimum protection. (Safety glasses must meet the standards in accordance with EN166, ANSI Z 87.1 or international equivalent.)
<b>PPE - Skin Protection</b>	Wear impervious gloves, (e.g. Nitrile, etc.) to prevent skin contact. (Protective gloves must meet the standards in accordance with EN374, ASTM F1001 or international equivalent.)
<b>PPE - Body Protection</b>	Wear impervious protective clothing to prevent skin contact - consider use of disposable clothing where appropriate. (Protective clothing must meet the standards in accordance with EN13982, ANSI 103 or international equivalent.)
<b>PPE - Respiratory Protection</b>	Under normal conditions of use, if the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL (e.g. particulate respirator with a full mask, P3 filter). (Respirators must meet the standards in accordance with EN136, EN143, ASTM F2704-10 or international equivalent.)

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Form: Crystalline powder Color: White to off-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>	215 (decomposes)
<b>Solubility</b>	Solvent Solubility: Miscible: Acetone, Chloroform, Ethanol, Methanol Water Solubility: 0.28 mg/mL
<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>	(Method, pH, Endpoint, Value): Predicted 7.4 Log D 1.43
<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 at normal conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Keep away from heat and other sources of ignition, including electrostatic discharge.
<b>Incompatible Materials</b>	As a precautionary measure, keep away from strong oxidizers
<b>Hazardous Decomposition Products</b>	No data available

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Rat Oral LD50 5000 mg/kg Mouse Oral LD50 5000 mg/kg Rat Subcutaneous LD 50 449mg/kg 4 Day(s) Mouse Subcutaneous 100 mg/kg/day LOAEL Liver Revision date: 30-Jun-2016 2 Week(s) Mouse Subcutaneous 560 mg/kg/day LOAEL Liver, Bone Marrow Rat Intraperitoneal LD 50 150mg/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<b>Acute Toxicity - Eye</b>	No data available
<b>Skin Corrosion/Irritation</b>	No data available
<b>Serious Eye Damage/Irritation</b>	Eye Irritation Rabbit Minimal
<b>Respiratory or Skin Sensitization</b>	No data available
<b>Germ Cell Mutagenicity</b>	Genetic Toxicity: (Study, Type, Cell Type/Organism, Result) Bacterial Mutagenicity (Ames) Salmonella Negative. Unscheduled DNA Synthesis Rat Negative
<b>Carcinogenicity IARC</b>	Not listed as a carcinogen by IARC.
<b>Carcinogenicity ACGIH</b>	No data available
<b>Carcinogenicity NTP</b>	Not listed as a carcinogen by NTP.
<b>Carcinogenicity OSHA</b>	Not listed as a carcinogen by US OSHA
<b>Reproductive Toxicity</b>	(Study Type, Species, Route, Dose, End Point, Effect(s)) Embryo/Fetal Development Mouse Oral 10 mg/kg/day LOAEL Teratogenic. Reproductive & Fertility Rat Oral 210 mg/kg/day LOAEL Maternal Toxicity.
<b>Specific Target Organ Toxicity - Single Exposure</b>	No data available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	(Duration, Species, Route, Dose, End Point, Target Organ): 7 Day(s) Mouse Oral 140 mg/kg/day LOAEL Thymus. 4 Day(s) Mouse Subcutaneous 100 mg/kg/day LOAEL Liver. 2 Week(s) Mouse Subcutaneous 560 mg/kg/day LOAEL Liver, Bone Marrow. 85 Day(s) Rat Subcutaneous 175 mg/kg/day LOAEL Adrenal gland
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	Environmental properties have not been thoroughly investigated. Releases to the environment should be avoided.
<b>Persistence and Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	Partition Coefficient: (Method, pH, Endpoint, Value): Predicted 7.4 Log D 1.43
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.
<b>Waste Treatment Methods Packaging</b>	Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.
<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>	Not dangerous goods.
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	No data available

## Section 15: Regulatory Information

CERCLA/SARA 313 Emission reporting Not Listed. California Proposition 65 Not Listed. Inventory - United States TSCA - Sect. 8(b) Present. Australia (AICS): Present. Standard for the Uniform Scheduling for Drugs and Poisons: Schedule 2, Schedule 3, Schedule 4. EU EINECS/ELINCS List: 200-020-1.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Gabe Peluso
<b>Revision Date</b>	12/21/2021 13:55

### Disclaimer

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