


## Section 1: Identification

<b>Common Name/Trade Name</b>	METRONIDAZOLE	
<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>	Acute toxicity oral (Category 5), Serious eye damage/eye irritation (Category 1), Skin corrosion/irritation (Category 2), Reproductive toxicity (Category 2), Carcinogenicity (Category 1B), Carcinogenicity (Category 2), Specific target organ toxicity, repeated exposure (Category 2), Aquatic environment chronic toxicity (Category 2 & 3)		
<b>Signal Word</b>	Danger		
<b>Hazard Statement(s)</b>	H315 H318 H350 H351 H361 H373 H402 H411	Causes skin irritation Causes serious eye damage May cause cancer Suspected of causing cancer Suspected of damaging fertility or the unborn child May cause damage to organs through prolonged or repeated exposure Harmful to aquatic life Toxic to aquatic life with long lasting effects	
<b>Pictogram(s)</b>			
<b>Precautionary Statement(s)</b>	P201 P202 P260 P264 P273 P280 P281 P302+P352 P305+P351+P338 P308+P313 P308+P313 P310 P312 P314 P332+P313 P362 P391 P405 P501	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. IF exposed or concerned Get medical advice/attention. IF exposed or concerned Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Get Medical advice/attention if you feel unwell. If skin irritation occurs Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. Store locked up. Dispose of contents/container to an approved waste disposal plant.	
<b>Hazards Not Otherwise Classified</b>	No data available		
<b>Ingredient(s) with Unknown Toxicity</b>	No data available		

## Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	Metronidazole
<b>Common Name</b>	Metronidazole
<b>CAS Number</b>	443-48-1
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	NOTES TO PHYSICIAN: Treat symptomatically. At least half the dose is excreted in the urine as metronidazole and its metabolites, including an acid oxidation product, a hydroxy derivative and a glucuronide.
<b>If Inhaled</b>	If fumes or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
<b>In Case of Skin Contact</b>	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
<b>In Case of Eye Contact</b>	If this product comes in contact with the eyes: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Transport to hospital or doctor without delay.
<b>If Swallowed</b>	If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
<b>Most Important Symptoms and Effects</b>	Adverse Human Health Effects and Symptoms: Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. May cause cancer. May cause damage to {organs} through prolonged or repeated exposure. May cause eye, skin, or respiratory system irritation. Suspected of causing genetic defects.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide.
<b>Special Hazards Arising From the Substance/Mixture</b>	Combustible solid which burns but propagates flame with difficulty; it is estimated that most organic dusts are combustible (circa 70%) - according to the circumstances under which the combustion process occurs, such materials may cause fires and / or dust explosions. Avoid generating dust, particularly clouds of dust in a confined or unventilated space as dusts may form an explosive mixture with air, and any source of ignition, i.e. flame or spark, will cause fire or explosion. Dust clouds generated by the fine grinding of the solid are a particular hazard; accumulations of fine dust (420 micron or less) may burn rapidly and fiercely if ignited - particles exceeding this limit will generally not form flammable dust clouds.; once initiated, however, larger particles up to 1400 microns diameter will contribute to the propagation of an explosion. Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result.
<b>Special PPE and/or Precautions for Firefighters</b>	Breathing apparatus. Gas tight chemical resistant suit. Limit exposure duration to 1 BA set 30 mins.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear full body protective clothing with breathing apparatus.
<b>Methods and Materials Used for Containment</b>	Prevent, by all means available, spillage from entering drains or water courses.
<b>Cleanup Procedures</b>	MINOR SPILLS: Clean up waste regularly and abnormal spills immediately. Avoid breathing dust and contact with skin and eyes. Wear protective clothing, gloves, safety glasses and dust respirator. Use dry clean up procedures and avoid generating dust. Environmental hazard - contain spillage. MAJOR SPILLS: Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Environmental hazard - contain spillage.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. Empty containers may contain residual dust which has the potential to accumulate following settling. Such dusts may explode in the presence of an appropriate ignition source. Do NOT cut, drill, grind or weld such containers. In addition, ensure such activity is not performed near full, partially empty or empty containers without appropriate workplace safety authorization or permit.
<b>Conditions for Safe Storage</b>	Avoid reaction with oxidizing agents. Store in original containers. Keep containers securely sealed. Store in a cool, dry area protected from environmental extremes. Store away from incompatible materials and foodstuff containers. NOTE: Store in the dark.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available
<b>Appropriate Engineering Controls</b>	Employees exposed to confirmed human carcinogens should be authorized to do so by the employer, and work in a regulated area. Work should be undertaken in an isolated system such as a "glove-box" . Employees should wash their hands and arms upon completion of the assigned task and before engaging in other activities not associated with the isolated system. Within regulated areas, the carcinogen should be stored in sealed containers, or enclosed in a closed system, including piping systems, with any sample ports or openings closed while the carcinogens are contained within. Open-vessel systems are prohibited. Emergency deluge showers and eyewash fountains, supplied with potable water, should be located near, within sight of, and on the same level with locations where direct exposure is likely.
<b>PPE - Eye/Face Protection</b>	Safety glasses with side shields. Chemical goggles. Check for and remove Contact lenses may pose a special hazard.
<b>PPE - Skin Protection</b>	Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: frequency and duration of contact, chemical resistance of glove material, glove thickness and dexterity. Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present. polychloroprene. nitrile rubber. butyl rubber. fluorocaoutchouc.
<b>PPE - Body Protection</b>	Employees working with confirmed human carcinogens should be provided with, and be required to wear, clean, full body protective clothing (smocks, coveralls, or long-sleeved shirt and pants), shoe covers and gloves prior to entering the regulated area.
<b>PPE - Respiratory Protection</b>	Respirator Particulate. Employees engaged in handling operations involving carcinogens should be provided with, and required to wear and use half-face filter-type respirators with filters for dusts, mists and fumes, or air purifying canisters or cartridges. A respirator affording higher levels of protection may be substituted.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	White to pale-yellow crystalline powder or crystals
<b>Upper/Lower Flammability or Explosive Limits</b>	Not available
<b>Odor</b>	Odorless or with slight odor.
<b>Vapor Pressure</b>	Negligible
<b>Odor Threshold</b>	Not available
<b>Vapor Density</b>	Not applicable
<b>pH</b>	(1% solution) 6.5
<b>Relative Density</b>	Not available
<b>Melting Point/Freezing Point</b>	159 - 163°C
<b>Solubility</b>	Partly miscible in water. Does not mix well with water. Sinks in water.
<b>Initial Boiling Point and Boiling Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (Solid, Gas)</b>	Not available
<b>Partition Coefficient</b>	Not available
<b>Auto-Ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not applicable.

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Product is considered stable.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	No data available
<b>Hazardous Decomposition Products</b>	Hazardous polymerization will not occur.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	LD50 oral rat: > 2000 mg/kg. May be harmful if swallowed.
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<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>	No data available
<b>Carcinogenicity IARC</b>	2B
<b>Carcinogenicity ACGIH</b>	No data available. May cause cancer.
<b>Carcinogenicity NTP</b>	No data available May cause cancer
<b>Carcinogenicity OSHA</b>	No data available. May cause cancer.
<b>Reproductive Toxicity</b>	May damage the unborn child. Suspected of damaging fertility. Suspected of damaging the unborn child.
<b>Specific Target Organ Toxicity - Single Exposure</b>	Not classified.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Aspiration Hazard</b>	Not classified (Based on available data, the classification criteria are not met)

## Section 12: Ecological Information

<b>Toxicity</b>	Ecology general: Hazardous waste. Use suitable disposal containers.
<b>Persistence and Degradability</b>	No additional information available
<b>Bio-accumulative Potential</b>	No additional information available
<b>Mobility in Soil</b>	No additional information available
<b>Other Adverse Effects</b>	No additional information available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Dispose in a safe manner in accordance with local/national regulations.
<b>Waste Treatment Methods Packaging</b>	Dispose in a safe manner in accordance with local/national regulations.
<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>	N/A

## Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture EU-Regulations No REACH Annex XVII restrictions Metronidazole is not on the REACH Candidate List Metronidazole is not on the REACH Annex XIV List

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	10/12/2022 15:24

### Disclaimer

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