


Section 1: Identification

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

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 1), Serious eye damage/eye irritation (Category 2A), Reproductive Toxicity (Category 1A)	
Signal Word	Danger	
Hazard Statement(s)	H300 H319 H360	Fatal if swallowed Causes serious eye irritation May damage fertility or the unborn child
Pictogram(s)		
Precautionary Statement(s)	P270 P280 P301+P310 P305+P351+P338 P308+P313 P501	Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. 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. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	N/A
Common Name	Ivermectin
CAS Number	70288-86-7
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Immediately remove any clothing soiled by the product. In case of irregular breathing or respiratory arrest provide artificial respiration.
If Inhaled	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
In Case of Skin Contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation occurs, consult a doctor.
In Case of Eye Contact	Rinse opened eye for several minutes under running water. Then consult a doctor.
If Swallowed	Rinse out mouth and then drink plenty of water. Induce vomiting, if person is conscious. Seek medical help.
Most Important Symptoms and Effects	Information for doctor: Toxicity following ingestion can be minimized by inducing vomiting within one half hour of exposure. Ivermectin is believed to bind to glutamate-gated chloride ion channels; avoid drugs that also interact with other ligand-gated chloride channels, including those which enhance GABA activity in patients with potentially toxic Ivermectin exposure. The following symptoms may occur: Overexposure to ivermectin may cause drowsiness, depressed motor activity, slowed breathing, dilation of pupils, tremors, vomiting, anorexia, and incoordination.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use water spray or all-purpose dry chemical. For safety reasons unsuitable extinguishing media: water with full jet.
Special Hazards Arising From the Substance/Mixture	This material, like most material in powder form, is capable of creating a dust explosion. In case of fire, the following can be released: Carbon monoxide (CO), Carbon dioxide (CO ₂).
Special PPE and/or Precautions for Firefighters	Special protective equipment for fire-fighters: mount respiratory protective device. Further information: Collect contaminated firefighting water separately. It must not enter the sewage system.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Remove persons from danger area.
Methods and Materials Used for Containment	Do not allow produce to reach sewage system or any water course. Inform respective authorities in case of seepage into water source or sewage system.
Cleanup Procedures	Vacuum, shovel, sweep-up all spilled materials and place in sealed container for proper disposal IAW Section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid dust generation. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Handle with care. Avoid jolting and impact.
Conditions for Safe Storage	Store only in the original container. Keep receptacle tightly sealed. Store in a cool, dry, well-ventilated place. Recommended storage temperature: Store not exceeding 25 C.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	General protective and hygienic measures: Keep away from foodstuffs, beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Do not eat, drink, smoke or inhale. Do not store food in the working area.
PPE - Eye/Face Protection	Safety goggles.
PPE - Skin Protection	Rubber gloves.
PPE - Body Protection	Full body garments, disposable Tyvek suits, head cover and shoe protectors.
PPE - Respiratory Protection	Approved, properly fit tested, HEPA filtered cartridge respirator or a respirator of greater protection.

Section 9: Physical and Chemical Properties

Appearance	Form: Powder Color: clear, moist off-white to yellow
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	150 – 157°C
Solubility	Insoluble in water.
Initial Boiling Point and Boiling Range	Undetermined.
Flash Point	Not applicable.
Evaporation Rate	No data available
Flammability (Solid, Gas)	Product is not flammable.
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available.
Chemical Stability	No data available.
Possibility of Hazardous Reactions	No data available.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications. Dangerous reactions can be hydrolyzed by strong caustic reaction. Dangerous products of decomposition: Carbon monoxide and carbon dioxide.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral Mouse 25mg/kg Rat 50 mg/kg, Dog - 80 mg/kg
Acute Toxicity - Inhalation	LC50/4h: 5.11 mg/l (rat)
Acute Toxicity - Dermal	LD50: 406 mg/kg (rabbit), LD50: >660 mg/kg (rat)
Acute Toxicity - Eye	Causes eye irritation
Skin Corrosion/Irritation	No irritating effect known.
Serious Eye Damage/Irritation	Causes serious eye irritation
Respiratory or Skin Sensitization	No sensitizing effects known.
Germ Cell Mutagenicity	No data available.
Carcinogenicity IARC	No data available.
Carcinogenicity ACGIH	No data available.
Carcinogenicity NTP	No data available.
Carcinogenicity OSHA	No data available.
Reproductive Toxicity	May damage fertility or the unborn child.
Specific Target Organ Toxicity - Single Exposure	No data available.
Specific Target Organ Toxicity - Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: Ecological Information

Toxicity	Ivermectin photodegrades rapidly in the environment and is metabolized in the soil. Water solubility is limited and it binds to soil very tightly. It does not bio-concentrate in fish and is not taken up from soil into plants. Aquatic toxicity: LC50/48hrs: 0.025ppb (daphnia magna), LC50/96 hours: .3 ug/l (Rainbow Trout), LC50/96 hours: ug/l.
Persistence and Degradability	No data is available on the degradability of this product.
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	Water danger class 3 (Self-assessment): extremely hazardous for water. Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Incinerate at an EPA approved incinerator facility.
Waste Treatment Methods Packaging	Disposal must be made according to official regulations.
Special Precautions Landfill or Incinerations	No data available.
Other Information	No data available

Section 14: Transport Information

UN Number	2811
UN Proper Shipping Name	Toxic solid, organic, n.o.s. (Ivermectin)
Transport Hazard Class(es)	6.1
Packaging Group	II
Environmental Hazards	No data available

Section 15: Regulatory Information

Sara: Section 355: Not listed. Section 313: Not listed. TSCA: Not listed. CA Proposition 65: Not listed. Chemicals known to cause reproductive toxicity: Not listed.

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
Revision Date	02/12/2021 17:06

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