

Section 1: Identification

Common Name/Trade Name	Oxytocin	
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) NSW Poisons Information Centre: 131 126 (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)	Posterior pituitary extract	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, oral (Category 2), Reproductive toxicity (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H300 H361	Fatal if swallowed Suspected of damaging fertility or the unborn child
Pictogram(s)	 	
Precautionary Statement(s)	P201 P202 P264 P280 P301+P310+P330 P308+P313 P405 P501	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. Rinse mouth. IF exposed or concerned Get medical advice/attention. Store locked up. 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	Posterior pituitary extract
Common Name	Oxytocin
CAS Number	50-56-6
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove from exposure. Remove contaminated clothing. For treatment advice, seek guidance from an occupational health physician or other licensed healthcare provider familiar with workplace chemical exposures. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen if available. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention.
If Inhaled	Move to fresh air. Get medical attention if symptoms occur.
In Case of Skin Contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
In Case of Eye Contact	Rinse with water. Get medical attention if irritation develops and persists.
If Swallowed	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most Important Symptoms and Effects	Uterine cramps. Pharmacologically active material. Occupational exposure may cause physiological effects. Indication of immediate medical attention and special treatment needed: Treat symptomatically. Overdose treatment may include the following: Beta adrenergic agonists inhibit oxytocin-induced labor. Tocolytic agents such as ritodrine may be effective for relaxing the uterus. For water intoxication, restrict fluid intake, promote diuresis, administer IV normal saline or hypertonic saline solutions if clinically indicated, and correct electrolyte imbalances. For seizures, administer benzodiazepine; if seizures recur, consider phenobarbital. Monitor for hypotension, dysrhythmias, respiratory depression, and need for endotracheal intubation. Evaluate for hypoglycemia, electrolyte disturbances, and hypoxia.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water. Foam. Dry chemical or CO ₂ . Use fire-extinguishing media appropriate for surrounding materials.
Special Hazards Arising From the Substance/Mixture	Specific hazards arising from the chemical No unusual fire or explosion hazards noted.
Special PPE and/or Precautions for Firefighters	Special protective equipment and precautions for firefighters Wear suitable protective equipment. Fire-fighting equipment/instructions Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of dust from the spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
Methods and Materials Used for Containment	For waste disposal, see section 13 of the SDS. Avoid the generation of dusts during clean-up. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Avoid discharge into drains, water courses or onto the ground.
Cleanup Procedures	For waste disposal, see section 13 of the SDS. Avoid the generation of dusts during clean-up. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions for Safe Handling	As a general rule, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Select and use containment devices and personal protective equipment based on a risk assessment of material potency and exposure potential.
Conditions for Safe Storage	Store in tight container, 2-8°C. This material should be handled and stored per label instructions to ensure product integrity.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No exposure limits noted for ingredient(s). No biological exposure limits noted for the ingredient(s).
Appropriate Engineering Controls	For laboratory operations, use local exhaust ventilation or a ventilated enclosure for high energy operations such as particle sizing. Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred. Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment.
PPE - Eye/Face Protection	Wear safety glasses with side shields, chemical splash goggles, or full-face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available.
PPE - Skin Protection	Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent.
PPE - Body Protection	Train employees in proper gowning and de-gowning practices. Wear lab coat. Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors.
PPE - Respiratory Protection	Respirators are generally not required for laboratory operations. Use a tight-fitting full-face respirator with HEPA filters for spill cleanup. Choose respiratory protection appropriate to the task and the level of existing engineering controls. Wear appropriate thermal protective clothing, when necessary.

Section 9: Physical and Chemical Properties

Appearance	White or almost white powder
Upper/Lower Flammability or Explosive Limits	Not available
Odor	Odorless. Slight.
Vapor Pressure	Not available
Odor Threshold	Not available
Vapor Density	Not available
pH	pH in aqueous solution:3-6 (2% solution)
Relative Density	Not available
Melting Point/Freezing Point	Not available
Solubility	Soluble. Solubility (other) 2-Butanol: Soluble. 1-Butanol: Soluble. Dilute solutions of ethanol: Very soluble. Dilute solutions of acetic acid: Very soluble.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available.
Evaporation Rate	Not available.
Flammability (Solid, Gas)	Not available.
Partition Coefficient	Not available.
Auto-Ignition Temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under 2-8°C.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions. SOx. NOx.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Fatal if swallowed. Oral LD50 Mouse > 514mg/kg Rat > 20520 µg/kg > 20.52 mg/kg
Acute Toxicity - Inhalation	Knowledge about health hazard is incomplete.
Acute Toxicity - Dermal	Knowledge about health hazard is incomplete.
Acute Toxicity - Eye	Knowledge about health hazard is incomplete.
Skin Corrosion/Irritation	Knowledge about health hazard is incomplete.
Serious Eye Damage/Irritation	Knowledge about health hazard is incomplete.
Respiratory or Skin Sensitization	Knowledge about health hazard is incomplete.
Germ Cell Mutagenicity	Knowledge about health hazard is incomplete.
Carcinogenicity IARC	Not listed.
Carcinogenicity ACGIH	No data available.
Carcinogenicity NTP	Not listed.
Carcinogenicity OSHA	Not regulated.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child. Use of oxytocin to induce or augment labor has sometimes resulted in fetal death or problems, including slow heartbeat, retinal hemorrhage, and jaundice in the newborn. Oxytocin stimulates uterine contractions and may induce miscarriage or labor.
Specific Target Organ Toxicity - Single Exposure	Knowledge about health hazard is incomplete.
Specific Target Organ Toxicity - Repeated Exposure	Knowledge about health hazard is incomplete.
Aspiration Hazard	Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and Degradability	No data is available on the degradability of this product.
Bio-accumulative Potential	Not available.
Mobility in Soil	Not available.
Other Adverse Effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste Treatment Methods Packaging	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.
Special Precautions Landfill or Incinerations	No data available.
Other Information	No data available.

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

US federal regulations: One or more components are not listed on TSCA. CERCLA/SARA Hazardous Substances - Not applicable. One or more components are not listed on TSCA. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052) Not regulated. SARA 302 Extremely hazardous substance Superfund Amendments and Reauthorization Act of 1986 (SARA) Not listed. SARA 311/312 Hazardous Yes Chemical Classified hazard Acute toxicity (any route of exposure) Categories Reproductive toxicity SARA 313 (TRI reporting) Not regulated. Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List. Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act (SDWA) Not regulated. US state regulations California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. International Inventories Country(s) or region Inventory name On inventory (yes/no)* Australia Australian Inventory of Chemical Substances (AICS) Yes Canada Domestic Substances List (DSL) Yes Canada Non-Domestic Substances List (NDSL) No China Inventory of Existing Chemical Substances in China (IECSC) No Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) No Country(s) or region Inventory name On inventory (yes/no)* Japan Inventory of Existing and New Chemical Substances (ENCS) Yes Korea Existing Chemicals List (ECL) No New Zealand New Zealand Inventory Yes Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS) No. Taiwan Taiwan Chemical Substance Inventory (TCSI) Yes United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory No *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "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

Additional Information	N/A
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