

Section 1: Identification

Common Name/Trade Name	METHOCEL K100M PREMIUM 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) 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)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not classified.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
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	METHOCEL(TM) K100M Premium Hydroxypropyl Methylcellulose
CAS Number	9004-65-3
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	CAUTION: Powdered material may form explosive dust-air mixture. Slipping hazard. Avoid temperatures above 130°C (266°F). If potential for exposure exists refer to Section 8 for specific personal protective equipment.
If Inhaled	Move person to fresh air. If effects occur, consult a physician.
In Case of Skin Contact	Wash skin with plenty of water.
In Case of Eye Contact	Flush eyes with plenty of water, remove contact lenses after the first 1-2 minutes then continue flushing for several minutes. Only mechanical effects expected. If effects occur, consult a physician, preferably an ophthalmologist.
If Swallowed	No emergency medical treatment necessary.
Most Important Symptoms and Effects	Aside from all the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), no additional symptoms and effects are anticipated.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers.
Special Hazards Arising From the Substance/Mixture	During a fire, smoke may contain original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Unusual Fire and Explosion Hazards: Do not permit dust to accumulate. When suspended in air dust can pose an explosion hazard. Minimize ignition sources. If dust layers are exposed to elevated temperatures, spontaneous combustion may occur. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, electrically bond and ground equipment and do not permit dust to accumulate. Dust can be ignited by static discharge.
Special PPE and/or Precautions for Firefighters	Wear positive-pressure self-contained breathing apparatus and protective firefighting clothing (including fire helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distant.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure controls and Personal Protection.
Methods and Materials Used for Containment	Contain spilled material if possible. Sweep up. Use care to minimize generation of airborne dust. Do not use water for cleanup. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.
Cleanup Procedures	Contain spilled material if possible. Sweep up. Use care to minimize generation of airborne dust. Do not use water for cleanup. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Section 7: Handling and Storage

Precautions for Safe Handling	Keep away from heat, sparks and flames. No smoking, open flames or sources of ignition in handling and storage area. Electrically ground and bond all equipment. Good housekeeping and controlling of dusts are necessary for safe handling of product. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, electrically bond and ground equipment and do not permit dust to accumulate. Dust can be ignited by static discharge. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.
Conditions for Safe Storage	Store in a dry place. See Section 10 for more specific information. Storage temperature: 5 - 35°C

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Component: Hydroxypropyl methyl cellulose List: Dow IHG Type: TWA Total dust Value: 10 mg/m ³
Appropriate Engineering Controls	Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations. Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.
PPE - Eye/Face Protection	Use safety glasses with side shields. If there is potential for exposure to particles which could cause eye discomfort, wear chemical goggles.
PPE - Skin Protection	Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.
PPE - Body Protection	No precautions other than clean body-covering clothing should be needed. Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.
PPE - Respiratory Protection	Respiratory protection should be worn when there is potential to exceed the exposure limit requirements or guidelines. If there is no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed, however, in dusty atmospheres, use an approved particle respirator. The following should be effective types of air-purifying respirators: Particulate filter.

Section 9: Physical and Chemical Properties

Appearance	Form: Powder Colour: White to off-white
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	No data available
Solubility	Solubility in water completely soluble in water
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
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 dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Polymerization will not occur.
Conditions to Avoid	Avoid temperatures above 130°C (266°F). Exposure to elevated temperatures can cause product to decompose. Avoid static discharge.
Incompatible Materials	Avoid contact with oxidizing materials. Avoid contact with: Strong acids. Strong bases.
Hazardous Decomposition Products	Decomposition products depend upon temperature, air supply and the presence of other materials.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50, rat > 10,000 mg/kg
Acute Toxicity - Inhalation	The LC50 has not been determined.
Acute Toxicity - Dermal	The dermal LD50 has not been determined.
Acute Toxicity - Eye	Solid or dust may cause irritation or corneal injury due to mechanical action.
Skin Corrosion/Irritation	Essentially nonirritating to skin.
Serious Eye Damage/Irritation	Solid or dust may cause irritation or corneal injury due to mechanical action.
Respiratory or Skin Sensitization	A similar material did not cause allergic skin reactions when tested in humans.
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	In animal studies, a similar cellulosic has been shown not to interfere with reproduction.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	Repeated ingestion of similar cellulose by humans has not resulted in known significant adverse.
Aspiration Hazard	Based on physical properties, not likely to be an aspiration hazard.

Section 12: Ecological Information

Toxicity	Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).
Persistence and Degradability	Material is expected to biodegrade only very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability.
Bio-accumulative Potential	No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device. Landfill.
Waste Treatment Methods Packaging	DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device. Landfill.
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

OSHA Hazard Communication Standard This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 Immediate (Acute) Health Hazard: No Delayed (Chronic) Health Hazard: No Fire Hazard: No Reactive Hazard: No Sudden Release of Pressure Hazard: No Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute. Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute. Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute. California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986) This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute. US. Toxic Substances Control Act All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30 CEPA - Domestic Substances List (DSL) All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

Section 16: Other Information

Additional Information	
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Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.