

## Section 1: Identification

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|-----------------------------------|--|---|
| <b>Common Name/Trade Name</b>     | METHOCEL K100M PREMIUM USP   |   |
| <b>Supplier Information</b>       | Letco Medical, LLC<br>1316 Commerce Drive NW<br>Decatur, AL 35601<br>1 (800) 239-5288<br>+1 (734) 843-4693 | <b>IN CASE OF EMERGENCY:</b><br>Chemtrec<br>1 (800) 424-9300 (24 hours) |
| <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> | Not classified.   |
| <b>Signal Word</b>                            | None              |
| <b>Hazard Statement(s)</b>                    | N/A               |
| <b>Pictogram(s)</b>                           | N/A               |
| <b>Precautionary Statement(s)</b>             | N/A               |
| <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

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| <b>Chemical Name</b>                           | N/A  |
| <b>Common Name</b>                             | METHOCEL(TM) K100M Premium Hydroxypropyl Methylcellulose |
| <b>CAS Number</b>                              | 9004-65-3  |
| <b>Impurities and/or Stabilizing Additives</b> | No data available  |

## Section 4: First Aid Measures

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| <b>General Advice</b>                      | CAUTION: Powdered material may form explosive dust-air mixture. Slipping hazard. Avoid temperatures above 130Â°C (266Â°F) If potential for exposure exists refer to Section 8 for specific personal protective equipment.              |
| <b>If Inhaled</b>                          | Move person to fresh air. If effects occur, consult a physician.   |
| <b>In Case of Skin Contact</b>             | Wash skin with plenty of water.  |
| <b>In Case of Eye Contact</b>              | 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. |
| <b>If Swallowed</b>                        | No emergency medical treatment necessary.  |
| <b>Most Important Symptoms and Effects</b> | 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

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| <b>Suitable Extinguishing Media</b>                       | Water. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers.  |
| <b>Special Hazards Arising From the Substance/Mixture</b> | 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. |
| <b>Special PPE and/or Precautions for Firefighters</b>    | Wear positive-pressure self-contained breathing apparatus and protective fire fighting 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                                     |   |
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| <b>Personal Precautions, Protective Equipment and Emergency Procedures</b> | Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure controls and Personal Protection.  |
| <b>Methods and Materials Used for Containment</b>                          | 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.   |
| <b>Cleanup Procedures</b>  | 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      |  |
|--------------------------------------|--|
| <b>Precautions for Safe Handling</b> | 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. |
| <b>Conditions for Safe Storage</b>   | Store in a dry place. See Section 10 for more specific information. Storage temperature: 5 - 35 Å°C  |

| Section 8: Exposure Controls/Personal Protection    |   |
|---|---|
| <b>Components with Workplace Control Parameters</b> | Component: Hydroxypropyl methyl cellulose List: Dow IHG T type: TWA Total dust Value: 10 mg/m3  |
| <b>Appropriate Engineering Controls</b>             | 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.  |
| <b>PPE - Eye/Face Protection</b>                    | Use safety glasses with side-shields. If there is potential for exposure to particles which could cause eye discomfort, wear chemical goggles.  |
| <b>PPE - Skin Protection</b>                        | Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.  |
| <b>PPE - Body Protection</b>                        | 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.   |
| <b>PPE - Respiratory Protection</b>                 | 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 and approved particle respirator. The following should be effective types of air-purifying respirators: Particulate filter. |

| Section 9: Physical and Chemical Properties         |   |
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| <b>Appearance</b>                                   | Form: Powder Colour: 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>                 | No data available                               |
| <b>Solubility</b>                                   | Solubility in water completely soluble in water |
| <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>                        | No data available                               |
| <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

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|---|---|
| <b>Reactivity</b>                         | No dangerous reaction known under conditions of normal use.   |
| <b>Chemical Stability</b>                 | Stable under recommended storage conditions.  |
| <b>Possibility of Hazardous Reactions</b> | Polymerization will not occur.  |
| <b>Conditions to Avoid</b>                | Avoid temperatures above 130 Â°C (266 Â°F). Exposure to elevated temperatures can cause product to decompose. Avoid static discharge. |
| <b>Incompatible Materials</b>             | Avoid contact with oxidizing materials. Avoid contact with: Strong acids. Strong bases.   |
| <b>Hazardous Decomposition Products</b>   | Decomposition products depend upon temperature, air supply and the presence of other materials.                                       |

## Section 11: Toxicological Information

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

## Section 12: Ecological Information

|                                      |  |
|--------------------------------------|--|
| <b>Toxicity</b>                      | 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). |
| <b>Persistence and Degradability</b> | Material is expected to biodegrade only very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability.             |
| <b>Bio-accumulative Potential</b>    | No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).  |
| <b>Mobility in Soil</b>              | No data available  |
| <b>Other Adverse Effects</b>         | No data available  |

## Section 13: Disposal Considerations

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| <b>Waste Treatment Methods Product</b>               | 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. |
| <b>Waste Treatment Methods Packaging</b>             | 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. |
| <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

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

|                               |                  |
|-------------------------------|------------------|
| <b>Additional Information</b> |                  |
| <b>Prepared By</b>            | Lisa Russell     |
| <b>Revision Date</b>          | 01/08/2019 14:21 |

### Disclaimer

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