

Section 1: Identification

Common Name/Trade Name	MICROCRYSTALLINE CELLULOSE 102	
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)	Cotton linters, Cellulose powder.	
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	May cause respiratory irritation if dusting inhaled. Read label before use. Avoid breathing dust.
Ingredient(s) with Unknown Toxicity	N/A

Section 3: Composition/Information on Ingredients

Chemical Name	Microcrystalline Cellulose
Common Name	Microcrystalline Cellulose
CAS Number	9004-34-6
Impurities and/or Stabilizing Additives	N/A

Section 4: First Aid Measures

General Advice	No special measures required.
If Inhaled	Supply fresh air; consult doctor in case discomfort occurs and persists.
In Case of Skin Contact	Wash with plenty of water. Use soap solution if required.
In Case of Eye Contact	Rinse opened eye for several minutes under running water. Consult doctor if irritation occurs and persists.
If Swallowed	Have a person sip a glass of water. If any discomfort persists, consult doctor.
Most Important Symptoms and Effects	No further relevant information available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	CO ₂ , any media suitable for extinguishing, or water spray.
Special Hazards Arising From the Substance/Mixture	No further relevant information available.
Special PPE and/or Precautions for Firefighters	Use protective equipment against the hazard of heat. Do not breathe smoke/gas generated.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Evacuate personnel to safe area. Provide adequate ventilation.
Methods and Materials Used for Containment	Reduce airborne dust and prevent scattering by moistening with water.
Cleanup Procedures	Pick up mechanically. Sweep up the spilled material. Wash spilled area with soap and water.

Section 7: Handling and Storage

Precautions for Safe Handling	To be handled as per labeled instruction
Conditions for Safe Storage	Store in a dry and ventilated area. Keep unexposed. No special measures required. Store protected from light and moisture

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Components with limit values that require monitoring at the workplace: PEL Long-term value 15* 5** mg/m ³ , total dust Respirable fraction. REL Long-term value: 10* 5** mg/m ³ total dust Respirable fraction. TLV long-term value 10 mg/m ³ .
Appropriate Engineering Controls	Prevent from dusting.
PPE - Eye/Face Protection	Use Safety glasses.
PPE - Skin Protection	Gloves
PPE - Body Protection	Mask. Gloves should be used. Replace gloves considering the penetration times, rates of diffusion, and degradation. The glove material has to be impermeable and resistant to the substance. The exact breakthrough time has to be decided by the user of the protective gloves and has to be observed.
PPE - Respiratory Protection	Nose mask to prevent inhale of dusting.

Section 9: Physical and Chemical Properties

Appearance	White to off-white powder.
Upper/Lower Flammability or Explosive Limits	N/A
Odor	Odorless
Vapor Pressure	N/A
Odor Threshold	Not determined
Vapor Density	Not applicable.
pH	pH-value at 20°C (68°F): Between 5 and 7.5 (10% solids dispersion in water for E460. Between 5 and 7.5 (12.5% solids dispersion in water for pharmacopoeia)
Relative Density	Not determined
Melting Point/Freezing Point	Not available.
Solubility	Soluble in ammoniacal copper tetramine solution.
Initial Boiling Point and Boiling Range	Undetermined.
Flash Point	Not applicable.
Evaporation Rate	N/A
Flammability (Solid, Gas)	Product is not flammable.
Partition Coefficient	Not determined
Auto-Ignition Temperature	340°C (644°F)
Decomposition Temperature	> 260°C
Viscosity	N/A

Section 10: Stability and Reactivity

Reactivity	No information known.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No dangerous reactions known.
Conditions to Avoid	Avoid exposure to light and moisture
Incompatible Materials	Strong oxidizers, water
Hazardous Decomposition Products	May emit toxic fumes under fire conditions.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral rat> 5 g/kg
Acute Toxicity - Inhalation	LC50 inhalation >5.8 g/Kg.
Acute Toxicity - Dermal	LD50 Dermal rabbit> 2 g/kg
Acute Toxicity - Eye	No irritating effect.
Skin Corrosion/Irritation	No irritant effect.
Serious Eye Damage/Irritation	No irritating effect.
Respiratory or Skin Sensitisation	No sensitizing effects known.
Germ Cell Mutagenicity	Microcrystalline cellulose is negative in the Ames mutagenicity assay, and caused no chromosome damage in the mouse micronucleus assay.
Carcinogenicity IARC	Not listed.
Carcinogenicity ACGIH	Not available.
Carcinogenicity NTP	Not listed.
Carcinogenicity OSHA	Not available.
Reproductive Toxicity	Not available.
Specific Target Organ Toxicity - Single Exposure	Not available.
Specific Target Organ Toxicity - Repeated Exposure	Not available.
Aspiration Hazard	Not available.

Section 12: Ecological Information

Toxicity	No further relevant information available.
Persistence and Degradability	No further relevant information available.
Bio-accumulative Potential	No further relevant information available.
Mobility in Soil	Easily biodegradable
Other Adverse Effects	No further relevant information available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose of waste in compliance with all applicable local laws. Disposal must be made according to official regulations. No special disposal methods are suggested. It is the user's responsibility to comply with all applicable local, state, and federal laws, rules, regulations and standards.
Waste Treatment Methods Packaging	Disposal must be made according to official regulations.
Special Precautions Landfill or Incinerations	Not available.
Other Information	Not 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

Safety, health and environmental regulations/legislation specific for the substance or mixture • SARA (Safety Analysis Risk Assessment) Section 355 (extremely hazardous substances): Substance is not listed. Section 313 (Specific toxic chemical listings): Substance is not listed. • E numbers: E460 • Proposition 65 Chemicals known to cause cancer: Substance is not listed. Chemicals known to cause reproductive toxicity for females: Substance is not listed. Chemicals known to cause reproductive toxicity for males: Substance is not listed. Chemicals known to cause developmental toxicity: Substance is not listed. • Carcinogenic categories • EPA (Environmental Protection Agency): Substance is not listed • TLV (Threshold Limit Value established by ACGIH): Substance is not listed. • NIOSH-Ca (National Institute for Occupational Safety and Health): Substance is not listed • OSHA-Ca (Occupational Safety & Health Administration): Substance is not listed. • Substances of very high concern (SVHC) according to the REACH regulations EC 1907 /2006 for the manufacturing, placing on the market and use must be observed.: Substance is not listed. • TSCA (Toxic Substances Control Act): On inventory list GHS label elements: Refer to item 02. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

Additional Information	N/A
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Revision Date	03/18/2024 11:53

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