



## MATERIAL SAFETY DATA SHEET FOR: MCKESSON CALCIUM ALGINATE DRESSING WITH ANTIMICROBIAL SILVER

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### SECTION 1- PRODUCT IDENTIFICATION

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<b>Product Name</b>	MCKESSON CALCIUM ALGINATE DRESSING WITH ANTIMICROBIAL SILVER
<b>Use/Size</b>	Wound Dressings, $\frac{3}{4}$ " x 12", 2" x 2", 4.25" x 4.25", 4" x 5", 4" x 8", 8" x 12"
<b>Product Numbers</b>	61-88512 ( $\frac{3}{4}$ " x 12") 61-88522 (2" x 2") 61-88544 (4.25" x 4.25") 61-88545 (4" x 5") 61-88548 (4" x 8") 61-88582 (8" x 12")
<b>Manufacturer/Supplier Address</b>	<b>Derma Sciences, Inc.</b> 104 Shorting Road Toronto, Ontario M1S 3S4, Canada
<b>Phone Number</b>	416-299-4003
<b>Marketed by</b>	<b>McKesson Corporation</b> McKesson Medical-Surgical 8741 Landmark Road Richmond, VA 23228

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### SECTION 2- COMPOSITION

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<b>Description:</b>	A white or brown fabric / textile sliver comprising the mixed silver/calcium salt of alginic acid (contains approx 0.5 -2.0% silver)
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### SECTION 3- HEALTH HAZARD DATA

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<b>Hazard Identification</b>	Processing of any fiber can lead to fly/dust formation. The dust from this product should be considered as potentially hazardous.
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## SECTION 4- FIRST AID MEASURES

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<b>Symptoms and effects</b>	Short-term exposure to high levels of fly/dust may lead to irritation of the respiratory system and skin, and possibly to difficulty in breathing. Long-term exposure may lead to any of the above, and has the additional potential for discoloration of the skin and eyes (Argyria)
<b>Inhalation</b>	Remove affected person to fresh air and seek medical attention.
<b>Skin Contact</b>	Remove contaminated clothing, shoes and jewellery. Wash skin with soap and water; seek medical attention if needed.
<b>Eye Contact</b>	Flush eyes with plenty of eyewash solution or clean water, holding eyelids. Seek immediate medical attention.
<b>Ingestion</b>	Seek immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.
<b>Advice to Physicians</b>	No specific antidote. Symptomatic and supportive treatment as indicated. Some individuals e.g. with asthma, may be intolerant to high concentrations of fibre fly/dust in the air.

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## SECTION 5- FIRE FIGHTING MEASURES

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<b>General Information</b>	Burns, if brought into contact with flames or excessive heat, similar to wood. Chars readily on heating above 300°C.
<b>Fire Fighting Advice</b>	Do not scatter spilled material with high-pressure water streams. Dike fire fighting run-off water for later disposal.
<b>Suitable Extinguishing Media</b>	Water, foam, powder, carbon dioxide. Note that the product will absorb water and swell.
<b>Extinguishing media to be avoided</b>	None
<b>Hazardous Combustion Product</b>	When heated to decomposition emits fumes, mainly carbon monoxide and carbon dioxide, which should be not be inhaled.
<b>Special Protective Equipment for Fire-Fighting</b>	Firefighters should wear fire resistant personal protective equipment and self-contained breathing apparatus.



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## SECTION 6- ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions</b>	Good hygiene practices are necessary in dealing with spilt fiber.
<b>Environmental Precautions</b>	Keep material out of water supplies and sewers.
<b>Clean-Up Methods</b>	Recover small quantities of spilt material by hand.

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## SECTION 7- HANDLING AND STORAGE

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<b>Self Handling Device</b>	Fiber can be supplied in any of the following formats: Boxes of fabric cut pieces, weight typically 2-4 kg. Bags of textile sliver, weight typically 3-5 kg. Bags and boxes of materials are generally secured with tape.
<b>Fiber fly/dust from processing</b>	Fiber products generate airborne fiber and dust particles when processed. Regular cleaning of processing equipment is recommended in order to avoid accumulations of fiber fly/dust.
<b>Storage</b>	If the material is to be stored is to be stored for any duration, additional secondary packaging might be required to protect it from accidental damage. Keep covered in non-clear packaging to avoid long term exposure to light

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## SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Engineering Control Measures</b>	In common with other fibres, exposure to dust/fly resulting from processing should be controlled. Ensure good ventilation of the working area. In critical areas, extraction systems should be fitted. Cleaning should wherever possible be done using a vacuum.
<b>Respiratory Protection</b>	Wear suitable respiratory protection if processing generates dust/fly.
<b>Hand Protection</b>	Wear gloves when handling of the fibre.
<b>Eye Protection</b>	None usually required for handling of the fibre. However subsequent processing stages may require the use of eye protection



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## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Non-woven fabric or textile sliver (filamentous solid).
<b>Color</b>	White to brown.
<b>Odor</b>	Odorless
<b>Boiling Range/Point (°C/F)</b>	Not Applicable
<b>Melting Point (°C/F)</b>	Fibre / fabric will decompose when in contact with flames.
<b>Flash Point (PMCC) (°C/F)</b>	Not relevant
<b>Auto-ignition temperature</b>	Not relevant
<b>Explosive properties</b>	Not relevant
<b>Oxidising properties</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable
<b>Density</b>	2.1 g/cm <sup>3</sup>
<b>Solubility in Water</b>	The fibre is insoluble.
<b>Vapor Density (Air=1)</b>	Not applicable
<b>Viscosity (cSt)</b>	Not applicable

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## SECTION 10- STABILITY AND REACTIVITY

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<b>Conditions to Avoid</b>	Stable under normal conditions of use. Note that the fibre will gel in contact with solutions of sodium salts.
<b>Materials to avoid</b>	None known.
<b>Hazardous Decomposition Products</b>	None known

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## SECTION 11- DISPOSAL

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<b>Product</b>	Dispose of according to relevant national regulations on waste disposal.
<b>Used Packaging</b>	Clean packaging can be recycled.

*Prepared By: Derma Sciences Quality Assurance Department on February 06, 2013*