



MATERIAL SAFETY DATA SHEETS FOR: CALCIUM ALGINATES

SECTION 1- PRODUCT IDENTIFICATION

Product Name	Calcium Alginate Wound Dressing
Use/Size	2"x2", 4"x4", 4"x8", 3/4"x12" (rope), 3/4"x36" (rope)
Product Numbers	61-88022 (2"x2") 61-88044 (4"x4") 61-88048 (4"x8") 61-88112 (3/4"x12" Sterile Rope) 61-88100(3/4"x36" Sterile Rope)
Manufacturer/Supplier	Derma Sciences, Inc.
Address	104 Shorting Road Toronto, Ontario M1S 3S4, Canada
Phone Number	416-299-4003
Marketed By	McKesson Corporation McKesson Medical-Surgical Richmond, VA 23228

SECTION 2- COMPOSITION/INFORMATION ON THE COMPONENTS

Calcium Alginate	CAS No: NA	Concentration: 100%
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SECTION 3- HEALTH HAZARD DATA

Main Hazards	Not classified as hazardous
Routes of Entry	Inhalation of dusts
Carcinogenic Status	Not considered carcinogenic by NTP, IARC, and OSHA.
Target Organs	Lung
Health Effects-Eyes	No adverse effects are expected



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SECTION 3- HEALTH HAZARD DATA

Health Effects-Skin	No adverse effects are expected
Health Effects-Ingestion	A large dose may have the following effects:- diarrhea
Health Effects-Inhalation	Exposure to dust at high concentrations may have the following effects: -difficulty with breathing-obstruction

SECTION 4- FIRST AID MEASURES

Eyes	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
Skin	Wash skin thoroughly with soap and water. Seek medical attention if symptoms persist.
Ingestion	Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.
Inhalation	If there is difficulty in breathing, give oxygen. Seek medical attention if symptoms persist.
Advise to Physicians	Treat symptomatically

SECTION 5- FIRE FIGHTING MEASURES

Extinguishing media	Use Water spray or foam
Unusual Fire and Explosion Hazards	Avoid the formation of dust clouds
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.



SECTION 6- ACCIDENTAL RELEASE MEASURES

Sweep up into suitable containers for recovery or disposal. No specific measures Necessary.

SECTION 7- HANDLING AND STORAGE

Keep container tightly closed when not in use. Storage area should be cool, dry, well ventilated, away from incompatible materials.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection

Respiratory protection not normally required

Hand Protection

Skin protection not normally required

Eye Protection

Eye protection not normally required. However, care should be taken to avoid accidental exposure.

Body Protection

Normal work wear

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Color	White
Odor	Odorless
pH	Neutral
Boiling Range/Point(°C/F)	No data



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SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Melting Point (°C/F)	No data
Flash Point (PMCC)(°C/F)	No data
Auto-flammability (deg C)	Above 200
Explosion Limits (%)	No data
Vapor Pressure	No data
Density	No data
Solubility in Water	Insoluble
Vapor Density (Air=1)	No data
Viscosity (cSt)	No data

SECTION 10- STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Exposure to water or moisture
Materials to Avoid	Oxidizing agents
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Oxides of Carbon

SECTION 11- DISPOSAL

Dispose of in accordance with all applicable local and national regulations.

Prepared By: Derma Sciences Quality Assurance Department on March 24, 2004

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