

SAFETY DATA SHEET

MEDIHONEY® CALCIUM ALGINATE DRESSING

SECTION 1- Identification of the substance/mixture and of the company/undertaking

Product Name Medihoney® Calcium Alginate Dressing

Size ¾"x 12", 2"x 2", 4"x 5"

Product Code 31012/31012C (¾"x 12")
31022/31022C (2"x 2")
31045/31045C (4"x 5")

Recommended use of the product and restrictions on use

Recommended use: Wound Dressing

Restrictions on use: No data

Details of the supplier of the Safety Data Sheet

This Safety Data Sheet has been updated in accordance with the Global Harmonized System (GHS)

Manufacturer/Supplier Derma Sciences, Inc.
Address 104 Shorting Road
Toronto, Ontario
M1S 3S4, Canada

Phone Number 416-299-4003

CHEMTREC 24-hour emergency response telephone number (800) 424-9300
International CHEMTREC 1-703-527-388

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Identifier	Category
Physical Hazards	Not Applicable
Health Hazards	Not Applicable
Environmental Hazards	Not Applicable

GHS Classification:

GHS Label Elements, including precautionary statements:

Not Applicable

Precautionary statements

Routes of Entry	Eye Contact / Skin Contact /Inhalation
Carcinogenic Status	These materials are not known to have carcinogenic properties
Target Organs	Not Known
Health Effects	Eyes Contact may cause very slight irritation
Health Effects	Skin This product is intended for skin contact and is therefore, unlikely to cause any adverse reaction during normal handling operations
Health Effects	Ingestion This product is not considered toxic, but as with any material, may be harmful if ingested in large quantities.
Health Effects	Inhalation No adverse effects are expected

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight%	Trade Secret
Calcium Alginate	9005-35-0	No data	
Manuka Honey(Medical Grade)	NA	No data	

SECTION 4 - FIRST AID MEASURES

Description of necessary 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.
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Skin If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

Ingestion Treat symptomatically. Do not induce vomiting. Consult physician.

Inhalation No significant hazards.

Important Symptoms/effects, acute and delayed

Important Symptoms/effects: **Eyes**
Soreness or redness persists

Skin
Skin irritation

Ingestion
No data

Inhalation
No adverse effects known

Required medical attention and treatment needed

Note to physicians: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media Water, Foam, powder, carbon dioxide

Unusual Fire and Explosion hazards Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

Protective Equipment for Fire-Fighting Wear full protective clothing and self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

This product, in final form, is a wound dressing, and is not expected to present a spill or release hazard. No specific measures necessary.

Environmental precautions:

No specific measures necessary

Methods and material for containment and cleaning up:

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

Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

No specific measures

Precautions for safe storage, including incompatibilities

Store at a temperature below 25°C (77°F). Storage area should be cool, dry, well ventilated.

Incompatible products:

Not applicable

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure guidelines: No data

Chemical name	ACGIH TLV	OSHA PEL
NA	NA	NA

Appropriate Engineering Controls

No specific measures necessary

Personal Protective Equipment (PPE)

Respiratory Protection	Respiratory protection not normally required
Hand Protection	Wear gloves when handling the product.
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

Appearance	Non-woven fabric or textile sliver (filamentous solid) impregnated with Honey. Free from dirt and foreign matter
Color	Golden Yellow
Odor	Characteristic Sweet Fragrance
pH	No data
Boiling Range/Point (°C/F)	Not applicable
Melting Point (°C/F)	No data
Flash Point (°C/F)	No data
Auto-flammability (deg C)	No data
Explosion Limits (%)	No data
Vapor Pressure	Not applicable
Density	No data
Solubility in Water	Insoluble
Vapor Density (Air=1)	Not applicable
Viscosity (cSt)	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Exposure to aqueous solutions containing sodium or certain other ions.
Materials to Avoid	None known.

Hazardous Polymerization

No data

**Hazardous Decomposition
Products**

None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product information:

Inhalation:	None
Eye contact:	May cause irritation
Skin contact:	None
Ingestion:	May cause digestive irritation

Important Symptoms/effects:

Eyes
Soreness or redness

Skin
No adverse effects are expected

Ingestion
No data

Inhalation
No adverse effects are expected

Acute and chronic effects from short and long term exposure

Sensitization: No data
 Mutagenic effects: No data
 Carcinogenicity: No data
 Reproductive toxicity: No data
 STOT- single exposure: No data
 STOT-repeated exposure: No data
 Aspiration hazard: No data

Numerical measures of toxicity- product
No data

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity No Ecotoxicity data was found for the product

Chemical name	Toxicity to fish	Toxicity to algae	Toxicity to micro-organisms	Toxicity to crustaceans
NA	NA	NA	NA	NA

Persistence and Degradability

Expected to be biodegradable. This product does not contain any substances which are considered hazardous to the environment.

Bioaccumulation

No data

Mobility in soil

No data

Other adverse effects

No data

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

SECTION 15 - REGULATORY INFORMATION

Not controlled by OSHA, NIOSH or WHMIS

SECTION 16 - OTHER INFORMATION

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The data on this Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. It is the user's responsibility to determine the suitability of the information for their particular purposes.

Prepared By: Derma Sciences Quality Assurance Department, March 12, 2015

Abbreviations and acronyms that may be used herein:

ADR: Accord européen sur le transport des marchandises dangereuses par Route. (European Agreement concerning the International Carriage of Dangerous Goods by Road)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HMIS: Hazardous Materials Identification System (USA)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

NFPA: National Fire Protection Association (USA)

NIOSH: National Institute for Occupational Safety and Health (USA)

OSHA: Occupational Safety and Health Association (USA)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

WHMIS: Workplace Hazardous Materials Information System (Canada)