



DERMASCiences

A TISSUE REGENERATION COMPANY

SAFETY DATA SHEET XEROFORM DRESSING

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

Product Name Xeroform Dressing

Use/Size Wound Dressings (1"x8"/ 2"x2"/4"x4"/5"x9")

Product Numbers

- 77034 (1"x8")
- 71164 (2"x2")
- 71165 (4"x4")
- 20068 (5"x9")

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 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION

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



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GHS Classification:

GHS Label Elements, including precautionary statements:

Not Applicable

Precautionary statements

Routes of Entry	Eye Contact / Ingestion /Skin
Carcinogenic Status	Not considered carcinogenic by NTP, IARC, and OSHA
Target Organs	Eye/Skin
Health Effects	Eyes Contact may cause slight transient irritation
Health Effects	Skin This product is non-irritating to the skin and skin absorption is not associated with any health effects.
Health Effects	Ingestion A large dose may have the following effects: nausea, vomiting, diarrhea, abdominal pain, intestinal obstruction.
Health Effects	Inhalation No adverse effects are expected

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No:	Weight%	Trade Secret
Petrolatum White	8009-03-8	NA	
Bismuth	5175-83-7	NA	
Tribromophenate			
Cotton gauze	NA	NA	

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.
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Skin	If skin irritation develops, or other symptoms occur, discontinue use. 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.

Important Symptoms/effects, acute and delayed

Important Symptoms/effects:	Eyes Soreness or Redness
	Skin Skin Irritation
	Ingestion Unconsciousness or convulsions
	Inhalation Breathing difficulty

Required medical attention and treatment needed

Note to physicians: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media	Non Flammable. Select extinguishing agent appropriate to other materials involved.
Unusual Fire and Explosion hazards	None known
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.



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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

No specific measures necessary

Environmental precautions:

No specific measures necessary

Methods and material for containment and cleaning up:

This product, in final form, is a wound dressing, and is not expected to present a spill or release hazard. 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

Keep container tightly closed when not in use. Storage area should be cool, dry and well ventilated.

Product Incompatibilities

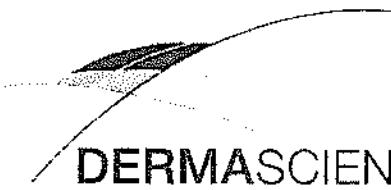
No data

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure guidelines: No data

Chemical name	ACGIH TLV	OSHA PEL
NA	NA	NA



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Appropriate Engineering Controls

No specific measures necessary

Personal Protective Equipment (PPE)

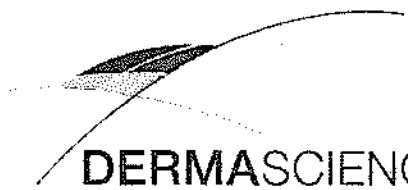
Respiratory Protection	Not normally needed
Ventilation	Not normally needed
Hand Protection	Skin protection not normally required
Eye Protection	Eye protection not normally required. However, care should be taken to avoid accidental exposure.
Body Protection	Normal work wear

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gauze saturated with Xeroform
Color	Mustard - Yellow
Odor	Slight Phenolic
PH	No data
Boiling Rang/Point (°C/F)	No data
Melting Point (°C/F)	No data
Flash Point (PMCC) (°C/F)	No data
Explosion Limits (%)	No data
Vapor Pressure	No data
Density	No data
Solubility in Water	No data
Vapor Density (Air=1)	No data
Viscosity (cSt)	No data

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Heat-High Temperatures-Pressure
Materials to Avoid	Strong Oxidizing agents
Hazardous Polymerization	Will not occur



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Hazardous Decomposition Products

Acrid smoke and irritating fumes – oxides of carbon – oxides of bismuth –hydrobromic acid

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 irritation

Important Symptoms/effects: Eyes
Soreness or redness

Skin
Skin irritation

Ingestion
Nausea, vomiting, diarrhea or abdominal pain

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



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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

Bioaccumulation

No data

Mobility in soil

No data

Other adverse effects

No data

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal of 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

The information contained on this Safety Data Sheet is based on data available to Derma Sciences at this time and is believed to be accurate. It is offered solely for information, consideration and investigation. Derma Sciences does not claim this data to be all inclusive and extends no warranties, expressly or implied, makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this information to a particular application of the substance covered in this Safety Data Sheet. For this and other reasons, Derma Sciences does not assume responsibility and expressly disclaims liability for loss, damage or expense arising of or in any way connected with the handling, storage, use or disposal of this product.

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 10, 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)