SAFETY DATA SHEET
DRESSING WITH ACTIVE LEPTOSPERMUM HONEY

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

Product Name Medihoney® Dressing With Active Leptospermum Honey

Size 0.5 fl. oz. /15 ml, 1.5 fl. oz. /44 ml, and 3.5 fl. oz. /103 ml

Product Numbers 31505/ 31505C (0.5 fl. oz. Twist Tube)
31515/ 31515C (1.5 fl. oz. Tube)
31535/ 31535C (3.5 fl. oz. Tube)

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

<table>
<thead>
<tr>
<th>Hazard Identifier</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Hazards</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Health Hazards</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
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
No adverse effects are expected

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
No ingestion effects known

Health Effects
Inhalation
No adverse effects are expected during normal conditions of use.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manuka Honey (Medical Grade)</td>
<td>NA</td>
<td>No data</td>
<td></td>
</tr>
</tbody>
</table>
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.

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:

<table>
<thead>
<tr>
<th></th>
<th>Eyes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Soreness or redness persists</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Skin</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skin irritation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No data</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No adverse effects known</td>
</tr>
</tbody>
</table>

Required medical attention and treatment needed

Note to physicians:
Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Extinguishing media</th>
<th>Water, Foam, powder, carbon dioxide</th>
</tr>
</thead>
</table>

| 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:
Floors may be slippery from spill

Environmental precautions:
No specific measures necessary

Methods and material for containment and cleaning up:
Scoop the material into suitable containers for recovery or disposal. Rinse away remaining honey with hot water. 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 of 10°C-25°C (50°F- 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Golden Yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic Sweet Fragrance</td>
</tr>
<tr>
<td>pH</td>
<td>No data</td>
</tr>
<tr>
<td>Boiling Range/Point (°C/F)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point (°C/F)</td>
<td>No data</td>
</tr>
<tr>
<td>Flash Point (ASTM D93-90/°F)</td>
<td>No Flash point observed below 154 °F</td>
</tr>
<tr>
<td>Auto-flammability (deg C)</td>
<td>No data</td>
</tr>
<tr>
<td>Explosion Limits (%)</td>
<td>No data</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Density</td>
<td>1.5 g/ml (approximate)</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble in boiling water, disperses in cold water</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity (cSt)</td>
<td>No data</td>
</tr>
</tbody>
</table>
SECTION 10 - STABILITY AND REACTIVITY

Stability
Stable under normal conditions

Conditions to Avoid
Excessive heat or ignition sources

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: May cause irritation

Ingestion: None

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

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>No Ecotoxicity data was found for the product</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to fish</th>
<th>Toxicity to algae</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to crustaceans</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

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

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 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)