

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078459929

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078459945

Product Name: **Miracle Heel** Issue Date: 6/1/2015

## Section 1 Product and Company Identification

Product Name: Miracle Heel  
Steuart Laboratories  
142 S Main  
PO Box 306  
Mabel, MN 55954  
Phone: 507-493-5516  
Fax: 507-493-5576

## Section 2 Hazards Identification

No toxicity data is available on this specific preparation. The health hazards of this product would be primarily influenced by the toxicity of the propylene glycol.

### Emergency Overview

**Color:** Yellow

**Physical State:** Ointment

**Odor:** Odorless

### Hazards of product:

No significant immediate hazards for emergency response are known.

### Potential Health Effects:

**Eye Contact:** May cause slight temporary eye irritation. Corneal injury is unlikely.

**Skin Contact:** Prolonged contact is essentially nonirritating to skin. Repeated contact may cause softening of the skin.

**Skin Absorption:** Prolonged skin contact is unlikely to result in absorption of harmful amounts.

**Inhalation:** Does not apply.

**Ingestion:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

## Section 3 Composition Information

Lanolin	Comfrey Extract	Beeswax	DI water
Propylene Glycol	Vegetable Oil	Ethyl Alcohol	Propolis

#### Section 4 First Aid Measures

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**Eye Contact:** Immediately flush with copious amounts of water for at least 15 minutes. If redness or burning sensation develops, have eyes examined and treated by medical personnel.

**Ingestion:** Give one to two glasses of water to drink and immediately consult a physician.

**Skin Contact:** No emergency medical treatment required.

**Inhalation:** Does not apply.

#### Section 5 Fire Fighting Measures

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**Extinguishing media:** Water fog, foam, carbon dioxide, halon 1211.

**Fire Fighting Procedures:** Keep people away. Isolate fire and deny unnecessary entry. Fight fire from protected location or safe distance.

**Special fire-fighting protective equipment:** Self-contained breathing apparatus (SCBA) with full face piece and protective clothing.

#### Section 6 Accidental Release Measures

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**Steps to be taken if material is spilled:** Scrape up product and shovel into waste container. Wash down spill area with hot water and detergent and flush to a sewer serviced by a wastewater treatment facility.

**Disposal method:** Discarded product should not be considered a hazardous waste under RSRA, 40 CFR 261.

**Container disposal:** Wash and recycle or destroy empty container before disposal.

**Personal Precautions:** Use appropriate safety equipment. For additional information refer to Section 8, Exposure Controls and Personal Protection. Keep unnecessary personnel from entering the area. Spilled material may cause a slipping hazard.

#### Section 7 Handling and Storage

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**General Handling:** See Section 8, Exposure Controls and Personal Protection.

**Storage:** Store away from direct sunlight or ultraviolet light. Keep container tightly closed when not in use. Store in a dry place. Protect from atmospheric temperature.

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#### Section 8 Exposure Controls/Personal Protection

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**Eye/Face:** Safety glasses could be worn to prevent exposure.

**Skin Protection:** No precautions other than clean body-covering clothing should be needed.

**Hand Protection:** Chemical gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

**Respiratory Protection:** Wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced.

**Ingestion:** Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

### Section 9 Physical and Chemical Properties

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Physical State	Ointment
Color	Yellow
Odor	Odorless
Odor Threshold	No test data available
Flashpoint	Not applicable
Flammability limits	Not applicable
Freezing point	No test data available
Melting point	No test data available
Ph	No test data available
Decomposition Temperature	No test data available

### Section 10 Stability and Reactivity

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#### **Stability/Instability**

Stable under recommended storage conditions. See Storage, Section 7.

Conditions to avoid: Exposure to elevated temperatures can cause product to decompose. Avoid direct sunlight or ultraviolet sources.

### Section 11 Toxicological Information

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#### **Acute Toxicity**

##### **Ingestion**

LD50, Rat >20,000 mg/kg

##### **Skin Absorption**

LD50, Rabbit > 20,000 mg/kg

##### **Inhalation**

No deaths occurred following exposure to a saturated atmosphere. LC50, 8h, Vapour, Rat 4.1 mg/l

##### **Sensitization**

##### **Skin**

Did not cause allergic skin reactions when tested in humans.

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**Respiratory**

No relevant information found.

**Repeated Dose Toxicity**

In rare cases, repeated excessive exposure to the ingredient propylene glycol may cause central nervous system effects.

**Chronic Toxicity and Carcinogenicity**

Did not cause cancer in laboratory animals.

**Developmental Toxicity**

Did not cause birth defects or any other fetal effects in laboratory animals.

**Reproductive Toxicity**

In animal studies, did not interfere with reproduction. In animal studies, did not interfere with fertility.

**Genetic Toxicology**

In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

**Section 12 Ecological Information**

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**Environmental Fate****Movement & Partitioning**

Bioconcentration potential is low. Potential for mobility in soil is very high. Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

**Persistence and Degradability**

Material is readily biodegradable. Biodegradation may occur under anaerobic conditions.

**Ecotoxicity**

Material is practically non-toxic to aquatic organisms on an acute basis.

**Section 13 Disposal Considerations**

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Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waster generator. As your supplier, we have no control over the management practices of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in the MSDS section.

Section 14 Transportation

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**DOT Non-Bulk**

Not regulated

**DOT Bulk**

Not regulated

**IMDG**

Not regulated

**ICAO/IATA**

Not regulated

It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15 Regulatory Information

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**OSHA Hazard Communication Standard**

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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**Superfund Amendments and reauthorization Act of 1986 Title III  
(Emergency Planning and Community Right-To-Know Act of 1986)  
Sections 311 and 312**

Immediate (Acute) Health Hazard	no
Delayed (Chronic) Health Hazard	no
Fire Hazard	no
Reactive Hazard	no
Sudden Release of Pressure Hazard	no

**Superfund Amendments and reauthorization Act of 1986 Title III  
(Emergency Planning and Community Right-To-Know Act of 1986)  
Section 313**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act);  
Pennsylvania Special Hazardous Substances List:**

This product contains the following substances which are cited in the Pennsylvania Hazardous Substance List and/or the Pennsylvania Environmental Substance List, and are present at levels which require reporting.

<u>Component</u>	<u>CAS#</u>	<u>Amount</u>
Propylene Glycol	57-55-6	

**Pennsylvania (Worker and Community Right-To-Know Act):**

**Pennsylvania Special Hazardous Substances List:**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**Toxic Substances Control Act (TSCA)**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

**CEPA-Domestic Substances List (DSL)**

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

**Section 16 Other Information**

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**Product Literature**

Additional information on this and other Steuart Laboratories products may be obtained by visiting our web page at [www.steuartlabs.com](http://www.steuartlabs.com).

**Recommended Uses and Restrictions**

We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales representative.

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The information hereon is given in good faith but no warranty, expressed or implied, is made. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws.