

# MATERIAL SAFETY DATA SHEET

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LeafShield™ Anti-Transpirant

## 1. PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME:

LeafShield™ Anti-Transpirant

**PRODUCT DESCRIPTION:** Transpiration minimizer, anti-transpirant; paraffin emulsion

### MANUFACTURER

The Scotts Company  
Hyponex - Miracle Gro - Scotts Sierra  
14111 Scottslawn Road  
Marysville, OH 43041  
Customer Service: 1-800-225-2883

### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300  
International: 1-703-527-3887  
Emergency Phone: 1-937-644-0011

### COMMENTS:

Applicable Product Code/Stock Number: 95482, 95492, and 95435.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water	7732-18-5	None	None
Paraffin Emulsion*		None	None

### COMMENTS:

\*Consists of paraffin, oxidized polyethylene, ethoxylated nonylphenol, and potassium hydroxide.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

#### PHYSICAL APPEARANCE:

White emulsion, mild waxy odor

#### IMMEDIATE CONCERNS:

Not considered a hazardous substance.

### POTENTIAL HEALTH EFFECTS

#### EYES:

May cause eye irritation.

#### SKIN:

May cause redness or irritation with prolonged contact.

#### INGESTION:

May result in temporary nausea or diarrhea.

#### INHALATION:

Mists may cause upper respiratory tract irritation.

### ROUTES OF ENTRY:

Routes of exposure for liquids include eye, skin, ingestion, and inhalation.

### COMMENTS:

KEEP OUT OF REACH OF CHILDREN.

## 4. FIRST AID MEASURES

### **EYES:**

DO NOT RUB EYES. Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.

### **SKIN:**

Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.

### **INGESTION:**

Give large amounts of water to drink. Seek medical attention if necessary. Induce vomiting only upon advice from a physician.

### **INHALATION:**

Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

### **NOTES TO PHYSICIAN:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote is available.

### **ADDITIONAL INFORMATION:**

Skin contact may aggravate existing skin conditions/diseases.

## 5. FIRE FIGHTING MEASURES

### **FLASHPOINT AND METHOD:**

None

### **EXPLOSION HAZARDS:**

None

### **FIRE FIGHTING PROCEDURES:**

Use water spray to cool drums exposed to fire.

### **HAZARDOUS DECOMPOSITION PRODUCTS:**

None

## 6. ACCIDENTAL RELEASE MEASURES

### **ENVIRONMENTAL PRECAUTIONS**

#### **WATER SPILL:**

Do not flush to drain. Spills may be reportable to the Scotts Customer Services (800-225-2883).

#### **GENERAL PROCEDURES:**

Contain material by diking the area around the spill. Coagulate with either dry calcium chloride or with a concentrated solution of calcium chloride. Small spills should be mopped up immediately. Sweep or otherwise collect into recovery drums and dispose of properly. Both the emulsion and the dried film may present a slip hazard. (A comprehensive spill response plan should be developed and implemented).

## 7. HANDLING AND STORAGE

### **GENERAL PROCEDURES:**

Ideal temperatures are 45-85°F. Avoid freezing temperatures and temperatures above 120°F.

### **HANDLING:**

Avoid direct or prolonged contact with eyes and skin.

### **STORAGE:**

Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from ignition sources, and away from incompatible materials. KEEP OUT OF REACH OF CHILDREN.

### **STORAGE TEMPERATURE:**

(45°F) minimum to (85°F) maximum

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Use under normal ventilation. No additional engineering controls are required.

### PERSONAL PROTECTIVE EQUIPMENT

#### EYES AND FACE:

Wear appropriate protective safety goggles/glasses as described in 29 CFR 1910.133. An eyewash station is recommended.

#### SKIN:

Skin contact should be minimized through use of appropriate clothing and suitable long-sleeved clothing (i.e., shirts and pants) and impervious work gloves.

#### RESPIRATORY:

Not required.

### WORK HYGIENIC PRACTICES:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material.

1. Do not store, use, and/or consume food, beverages, tobacco products, or cosmetics in area where this material is stored.
2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
3. Wash exposed skin promptly to remove accidental splashes of contact with this material.

### OTHER USE PRECAUTIONS:

No exposure limits were found for this product or any of its ingredients.

### COMMENTS:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### ODOR:

Mild waxy odor

### APPEARANCE:

White emulsion

### pH:

Not Established

### VAPOR PRESSURE:

17.5 at 25°C

### BOILING POINT:

100°C (212°F)

### SPECIFIC GRAVITY:

0.94 to 0.98

### COMMENTS:

### PHYSICAL STATE:

Physical and Chemical properties here represent typical properties of this product.

### WATER SOLUBILITY:

Dispersible

## 10. STABILITY AND REACTIVITY

### STABLE:

YES

### HAZARDOUS POLYMERIZATION:

**CONDITIONS TO AVOID:**

Keep away from heat, sparks and open flames.

**STABILITY:**

This material is stable under normal handling and storage conditions.

**POLYMERIZATION:**

Will not occur

**INCOMPATIBLE MATERIALS:**

Avoid contact with strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:**

No data available

**SKIN EFFECTS:**

No data available.

**CARCINOGENICITY:**

IARC:

No

NTP:

No

OSHA:

No

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:**

No data available

**GENERAL COMMENTS:**

Dispose of wastes in a manner consistent with federal, state, and local regulations.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:**

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:**

This product is not DOT regulated

**OTHER SHIPPING INFORMATION:**

Petroleum resin wax emulsion.

## 15. REGULATORY INFORMATION

**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:**

**FIRE:**

NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO

## 16. OTHER INFORMATION

**REVISION SUMMARY**

New MSDS

**NFPA CODES****HEALTH:**

0 FIRE: 1 REACTIVITY: 0

**HMIS CODES****HEALTH:**

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**MANUFACTURER DISCLAIMER:**

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**COMMENTS:**

For additional information concerning product use, call The Scotts Company Consumer Services at 800-225-2883. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.