LeafShield®

Safety Data Sheet **Date Prepared: July 24, 2015** **Supersedes Date: February 10, 2011**
Version: UN GHS

1. PRODUCT AND COMPANY IDENTIFICATION

AQUATROLS CORPORATION OF AMERICA
1273 IMPERIAL WAY
PAULSBORO, NJ 08066 USA

Emergency Phone Numbers:
For emergencies involving a spill, leak, fire, exposure or accident, contact CHEMTREC (800-424-9300 within the United States or 1-703-527-3887 for international collect calls).
For Product Information: 1-800-257-7797
Chemical Name or Synonym: Transpiration minimize, anti-transpirant; paraffin emulsion

2. HAZARDS IDENTIFICATION

Emergency Overview

Warning Statement: Based on currently available data, this product does not meet the regulatory definition of hazardous substance. Good industrial hygiene practices should be used in handling.

Immediate Concerns: Product is stable under normal conditions

Potential Health Effects

Eyes: Slightly irritating, may cause redness, irritation on prolonged contact
Skin: Slightly irritating, may cause redness, irritation on prolonged contact
Ingestion: Low oral toxicity, may cause nausea, diarrhea, and abdominal cramps
Inhalation: No ill effects expected
Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens

3. COMPOSITON / INFORMATION ON INGREDIENTS

Product Composition	CAS Reg No.	WGT. %
A. Hazardous		
None		
B. Non-Hazardous		
Water	7732-18-5	60~70%
Paraffin wax	8002-74-2	15~25%
Other non-hazardous components	Proprietary	5~15%

4. FIRST AID MEASURES

Eyes: Flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.
Skin: Immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse.
Ingestion: If victim is conscious and alert, give 1 to 2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.
Inhalation: Remove to fresh air. Seek medical attention if respiratory irritation or distress continues.
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.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: Not applicable
Flammable Limits: Lower: Not applicable Upper: Not applicable
Autoignition temperature: Not applicable
Extinguishing Media: Carbon dioxide, dry chemical, multi-purpose foam, water fog

Special Fire Fighting Procedure:	Cool and use caution when approaching and handling fire-exposed containers. Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing
Unusual Fire and Explosion Hazards:	None
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons

6. ACCIDENTAL RELEASE MEASURES

Containment Procedures:	Stop flow of material, if it is without risk. Wear appropriate protective equipment and clothing during cleanup. Contain the discharged material and dike the spilled material where possible. Prevent entry into sewers, drains, underground or confined spaces, water intakes and waterways. Ventilate contaminated area.
Clean-Up Procedure:	Avoid skin contact and inhalation of vapors. Ventilate contaminated area. Wear appropriate protective equipment and clothes during clean-up. Collect spilled material with an inert absorbent such as vermiculite or sand. Place in properly labeled closed container.
Evacuation Procedure:	Keep unnecessary personal away. Isolate contaminated area.
Special Procedures:	Wear appropriate protective equipment. Follow all local, state, and federal regulations for disposal.

7. HANDLING AND STORAGE

Handling:	Do not get this material into your eyes, on your skin or on your clothing. Do not inhale the vapors or mist. Wear appropriate protective clothing. If the generation of airborne material cannot be avoided, control exposure with local exhaustion ventilation and/or personal protective equipment as described in Section 8, "Exposure Controls/Personal Protection". Open container carefully, as needed to relieve any built up pressure. Do not reuse empty container.
Storage:	Containers should be stored in a cool, dry, well-ventilated area, away from flammable or oxidizing materials and sources of heat and flame. Store away from food stuff and animal feed. Exercise due caution to prevent damage to or leakage from the container. Provide required labels on containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Good general ventilation should be sufficient to control airborne levels.
Respiratory Protection:	Use appropriate respiratory protection to prevent overexposure
Skin Protection:	Suitable gloves, boots, and apron.
Eye / Face Protection:	Chemical splash-proof goggles.
Other Protective Measures:	In case of spills, see Section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	White, opaque liquid
Odor:	Mild amine
Color:	White
pH:	9.0 – 10.5
Vapor Pressure:	17.5 mmHg @ 25°C
Vapor Density (Air=1):	Approximately 1.0
Boiling Point:	100°C (212°F)
Freezing Point:	0°C (32°F)
Melting Point:	Not established
Flashpoint and Method:	None / Not applicable
Solubility in Water 25°C:	Dispersible

Evaporation Rate (Butyl Acetate=1):	Approximately 1.0
Density:	Not established
Specific Gravity, g/ml	Approximately 1.0
Percent Volatile by Weight:	70.0

10. STABILITY AND REACTIVITY

Stable:	Stable at normal conditions
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide, ammonia, and/or low molecular weight hydrocarbons
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Not available

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:	Not available
Chemical Fate:	This product is biodegradable

13. DISPOSAL CONSIDERATIONS

Disposal Method:	An acceptable method of disposal is to burn in an incinerator in accordance with all local, state, and federal environmental laws, rules and regulations, standards and other requirements. The appropriate regulatory agencies should be contacted prior to disposal.
Container Handling and Disposal:	Any containers or equipment used should be decontaminated immediately after use

14. TRANSPORTATION INFORMATION

US Department of Transportation Shipping Classification:	Petroleum resin wax emulsion compound liquid
Hazard Class:	None
Shipping Description:	This material is NOT REGULATED as hazardous material for either domestic or international transport by any mode.
Required Labels:	NOT REGULATED for shipping, no transport labels required
Environmentally Hazardous Substance:	This material is NOT classified as an environmentally hazardous substance
TDG:	Not regulation

15. REGULATORY INFORMATION

Chemical Inventory Status:	United States (TSCA):	Yes
	Canada (DSL):	Yes
	Canada (NDSL):	No
	Europe (EINECS):	Yes
	Australia (AICS):	Yes
	New Zealand (HSNO):	Yes
	Japan (ENCS):	Yes
	South Korea (ECL):	Yes
	Philippines (PICCS):	Yes

Federal Regulations

Inventory Issues: The components of this product are listed in the US EPA's Initial Inventory of the Toxic Substance

	Control Act (TSCA).
SARA Title III Hazard Classes:	Fire Hazard: No Reactive Hazard: No Release or Pressure: No Acute Health Hazard: Yes Chronic Health Hazard: Yes
State Regulations:	This material does not contain any components that are regulated under California Proposition 65. This product complies with US Coalition of Northeast Governors (COMEG). The sum of the heavy metals Lead, Cadmium, Mercury and Hexavalent Chromium is less than 100 ppm.

16. OTHER INFORMATION

Reason for Issue:	Manufacturer revisions
Information Contact:	Aquatrols Corporation of America – 1-800-257-7797 / 1-856-537-6003
Revision Summary:	Revised November 16, 2012. This MSDS replaces February 10, 2011 MSDS. Sections revised: 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16.

HMIS Rating

HEALTH:	1
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	B

Key Legend Information:

ACGIH American Conference of Government Industrial Hygienists
IARC International Agency for Research on Cancer
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration

Manufacturer Disclaimer: While the information and recommendations set forth herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

End of MSDS Document