

Date Prepared: 09/19/2007

Supersedes Date:

## 1. PRODUCT AND COMPANY DESCRIPTION

**Winfield Solutions, LLC**  
**P.O. Box 64589**  
**St. Paul, MN 55164-0589**  
**Synonym: AGRICULTURAL DRIFT CONTROL AGENT & NON-IONIC WETTING AGENT**

**In Case of Emergency**  
**Call: (877) 424-7452 [US]**  
**(800) 424-9300 [CHEMTREC, 24 hours/7 hours]**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Reg #r	OSHA Hazard	%
PROPRIETARY BLEND (Isopropyl alcohol is part of the ingredients)	N/A 67-63-0	Y	100

## 3. HAZARDS IDENTIFICATION

### A. EMERGENCY OVERVIEW:

**Physical Appearance and Odor:** Tan, clear to slightly hazy liquid, slight odor, not offensive.

**Warning Statements:** This product does meet the regulatory definition of a hazardous substance. The material is flammable by OSHA and considered combustible by DOT. Avoid all sources of ignition, fire and sparks.

### B. POTENTIAL HEALTH EFFECTS:

**Acute Eye:** May cause irritation to the eyes.

**Acute Skin:** May cause irritation to the skin.

**Acute Inhalation:** Inhalation not likely. May cause irritation to the lungs, upper respiratory tract or nose.

**Acute Ingestion:** May cause irritation of the digestive tract.

**Chronic Effects:** This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR ACCIDENTAL:

**Eye Exposure:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

**Skin Exposure:** In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

**Inhalation:** Remove to fresh air and if irritation persists seek medical attention.  
**Ingestion:** If appreciable quantities are swallowed, call a physician or poison control center. Do not leave victim unattended.

**MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: 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 available.

## 5. FIRE FIGHTING MEASURES

**FIRE HAZARD DATA:** Flash Point: 114 °F). Flammable. **Method Used:** Closed cup

**Extinguishing Media:** Recommended: foam, dry chemical, carbon dioxide, not recommended: water jet (burning material will float).

**Special Fire Fighting Procedures:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

**Unusual Fire and Explosion Hazards:** Product will burn under fire conditions.

**Hazardous Decomposition Materials (Under Fire Conditions):** Oxides of carbon

## 6. ACCIDENTAL RELEASE MEASURES

**Evacuation Procedures and Safety:** Personnel handling this material should be thoroughly trained to handle spills and releases. Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

**Containment of Spill:** Follow procedure described below under Cleanup and Disposal of Spill.

**Cleanup and Disposal of Spill:** Use non sparking equipment! Absorb with an inert absorbent. Sweep up and place in an appropriate closed container (see Section 7: Handling and Storage).

**Environmental and Regulatory Reporting:** Do not flush to drain. Prevent material from entering public sewer system or any waterways. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

## 7. HANDLING AND STORAGE

**Minimum/Maximum Storage Temperatures:** (20 to 95 °F)

**Handling:** Avoid direct or prolonged contact with skin and eyes. Thickens when cold. Warm to 70° and mix.

**Storage:** Store in original container. Store in an area that is away from incompatible materials (see Section 10. Stability and Reactivity).

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Introductory Remarks:** 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. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

**Exposure Guidelines:** No exposure limits were found for this product or any of its ingredients.

**Engineering Controls:** Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

**Respiratory Protection:** When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations. For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.

**Eye/Face Protection:** Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

**Skin Protection:** Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

**Work Practice Controls:** 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 foods, beverages, tobacco products, or cosmetics in areas 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 or contact with this material.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product Information phone number in Section 1 for its exact specifications.

<b>Physical Appearance:</b>	Tan, clear to slightly hazy / liquid.
<b>Odor:</b>	Mild odor, not offensive
<b>pH:</b>	5-7 (1% Dilution in water)
<b>Bulk Density:</b>	7.8 lb/gal
<b>Specific Gravity:</b>	0.94 g/ml 68 °F.
<b>Viscosity:</b>	Viscosity (centistokes) : 5 to 10 cs at 77 °F.
<b>Water Solubility:</b>	Emulsifies
<b>Freezing Point Range:</b>	10 °F

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** This material is stable under normal handling and storage conditions described in Section 7.

**Conditions To Be Avoided:** Excessive heat, avoid ignition sources, sparks or fires

**Materials/Chemicals To Be Avoided:** Strong oxidizing agents and strong reducing agents

**Hazardous Decomposition Products Might Be Expected:** Thermal Oxides of carbon

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

This material contains isopropyl alcohol CAS # 67-63-0, which has a TWA of 980 mg/m<sup>3</sup> and STEL of 1225 mg/m<sup>3</sup>.

**Chronic Toxicity:** This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

No additional test data found for product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** No data found for product.

**Chemical Fate Information:** No data found for product.

## 13. DISPOSAL CONSIDERATIONS

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

**Container Handling and Disposal:** Consult state and local regulations regarding the proper disposal of container.

**EPA Hazardous Waste** – No

## 14. TRANSPORTATION INFORMATION

**Transportation Status: IMPORTANT! Statements below provide additional data on listed DOT classification.** The listed classification is limited to domestic shipments and does not address regulatory variations due to changes in package size, for different modes of shipment or other regulatory descriptors. For international shipments consult Winfield Solutions, LLC.

**US Department of Transportation:**

Packages with a capacity of 119 gallons or less: Not DOT regulated

Shipping Description for greater than 119 gallons:

Combustible Liquid, n.o.s. (isopropyl alcohol), NA1993, PG III

**ICAO / IATA / IMDG Code:**

Flammable liquid, n.o.s. (isopropyl alcohol), UN1993, PG III

## 15. REGULATORY INFORMATION

### Inventory Status

Inventory	Status
UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	P
AUSTRALIA (AICS)	Y
JAPAN (MITI)	E
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

### FEDERAL REGULATIONS

**Inventory Issues:** All functional components of this product are listed on the TSCA Inventory.

**SARA Title III Hazard Classes:**

Fire Hazard	- Yes
Reactive Hazard	- Yes
Release of Pressure	- No
Acute Health Hazard	- Yes
Chronic Health Hazard	- Yes

**STATE REGULATIONS:** This product does not contain any components that are regulated under California Proposition 65.

## 16. OTHER INFORMATION

**National Fire Protection Association Hazard Ratings--NFPA(R):**

Health: 4=Deadly; 3= Extreme Danger; 2=Dangerous; 1=Slight Hazard; 0 No Hazard

Fire Hazard: 4=Below 73°F;3=Below 100°F;2=Below 200°F; 1=Above 200°F; 0=Will not burn

Instability: 4=May detonate;3=Explosive;2=Unstable;1=Normally stable;0=Stable

1 Health Hazard Rating--Slight

**MATERIAL SAFETY DATA SHEET**  
**Winfield Solutions, LLC**

**POWERLOCK**

- 2** Flammability Rating—Dangerous
- 0** Instability Rating—Minimal

**Hazardous Materials Identification System--HMIS(R):**

- 1** Health Hazard Rating--Slight
- 2** Flammability Rating--Slight
- 0** Reactivity Rating—Minimal
- E** Personal Protection Index

MSDS prepared by Registration

MSDS reviewed by Dennis E. Belau

**Disclaimer:**

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