

## MATERIAL SAFETY DATA SHEET

WINFIELD SOLUTIONS, LLC

**PRODUCT NAME(S)**

For Emergency Call: Chem Trec: 800-424-9300

**WINDCHECK**

Effective Date: 09/20/07

**I. IDENTIFICATION****CHEMICAL NAME OF PRIMARY COMPONENT(S):** Polyvinyl Polymer (Polyacrylamide)**FORMULA:** Not applicable**MOLECULAR WEIGHT:** Not applicable**SYNONYMS:** Not applicable**CAS # & NAME:** Not applicable**EPA Reg No.** None**II. INGREDIENTS/SUMMARY OF HAZARDS**

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Polyvinyl Polymer (Polyacrylamide)			1.0%

	NFPA <sup>1/</sup>	HMIS <sup>2/</sup>
HEALTH	1	1
FIRE	0	0
REACTIVITY	0	0

1/ National Fire Protection Association Rating

2/ Hazardous Materials Identification System

(4 = Extreme/Severe 3 = High/Serious 2 = Moderate 1 = Slight 0 = Minimum)

**SARA TITLE III HAZARD CLASSIFICATION**

IMMEDIATE (ACUTE) HEALTH	Yes
DELAYED (CHRONIC) HEALTH	No
FIRE	No
SUDDEN RELEASE OF PRESSURE	No
REACTIVE	No

**III. PHYSICAL DATA**

**SPECIFIC GRAVITY:** 1.0  
**BOILING POINT:** 212°F  
**FREEZING POINT:** Not determined  
**VAPOR PRESSURE:** Not determined  
**SOLUBILITY IN WATER:** Complete  
**APPEARANCE:** Nearly clear liquid  
**ODOR:** Mild odor

**IV. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** > 200° F  
**FLAMMABLE LIMITS IN AIR:** Not determined  
**AUTOIGNITION TEMPERATURE:** Not determined  
**EXTINGUISHING MEDIA:** Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer or ordinary) for large fires. Water stream may spread flames.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Spilled product will make floor surfaces very slippery.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should use self contained breathing apparatus and full turnout gear. Prevent runoff of fire water. Avoid exposure to smoke.

**V. REACTIVITY DATA**

**STABILITY:** Stable under normal conditions.  
**CONDITIONS TO AVOID:** None known.  
**MATERIALS TO AVOID:** Strong oxidizers  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide and/or oxides of nitrogen.  
**HAZARDOUS POLYMERIZATION:** Will not occur

**VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES**

**TOXICOLOGY DATA:**  
**Acute Oral LD<sub>50</sub> (rat):** >2.5g/kg  
**Acute Dermal LD<sub>50</sub> (rabbit):** >10g/kg  
**Acute Inhalation:** Not determined  
**Eye Irritation (rabbit):** Not determined  
**Dermal Irritation (rabbit):** Not determined  
**Dermal Sensitization:** Not determined

**EXPOSURE LIMITS:**

CHEMICAL NAME(S)	ACGIH (TLV)	OSHA (TWA)

**CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY:** Not listed as a carcinogen by NRC, IARC or OSHA

**SIGNS OF POISONING:** Numbness, dizziness.

**PRIMARY ROUTES OF ENTRY:** Ingestion, skin contact

**EFFECTS OF SINGLE OVEREXPOSURE:**

**Swallowing:** Ingesting large amounts of this product may cause numbness, drowsiness and gastric distress.

**Skin Absorption:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Inhalation:** Breathing spray mist may cause irritation of eyes, nose, throat, or skin

**EFFECTS OF REPEATED OVEREXPOSURE:** Repeated or prolonged overexposure may cause local irritation.

**OTHER EFFECTS OF OVEREXPOSURE:** None known

**EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:** Skin contact may aggravate preexisting skin conditions. Inhalation of mists may aggravate preexisting respiratory conditions.

**EMERGENCY AND FIRST AID PROCEDURES:**

**Swallowing:** No emergency procedures are necessary unless large amounts are accidentally ingested. If large amounts are ingested, call a physician or poison control center.

**Skin:** Wash affected area with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing separately.

**Eyes:** Hold eyelids open and flush with a steady stream of water for at least 15 minutes. GET MEDICAL ATTENTION.

**Inhalation:** Remove victim to fresh air. If not breathing, administer artificial respiration. GET MEDICAL ATTENTION.

**NOTES TO PHYSICIAN:** Treat symptomatically.

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**VII. PRECAUTIONS FOR SAFE HANDLING AND USE**


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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Clean spill area using a solution of water and detergent. Collect and contain wash water and all contaminated absorbent for disposal. If spilled on the ground, the affected area should be excavated to a depth of 1 - 2 inches. Prevent the spilled product or washings from reaching public sewers or waterways. Wear appropriate protective equipment during the cleanup. Ensure that tools and equipment are adequately decontaminated.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**CONTAINER DISPOSAL:** Dispose of in an approved facility according to federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in a cool, dry, secure area.

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### VIII. SPECIAL PROTECTION INFORMATION

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#### PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures.

**RESPIRATORY PROTECTION:** If misting conditions exist, use NIOSH/MSHA approved respirator for organic vapors.

**VENTILATION:** Local exhaust

**PROTECTIVE CLOTHING:** Chemical resistant gloves, coveralls, apron and foot coverings.

**EYE PROTECTION:** Safety goggles

**USER SAFETY RECOMMENDATIONS:** Safety showers and eye wash should be easily accessible.

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### IX. REGULATORY STATUS

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**TSCA INVENTORY STATUS:**

**TRANSPORTATION STATUS:**

**DOT INFORMATION:** Not regulated

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group

#### SARA TITLE III

**Section 302-304 (40 CFR 350):**

**Extremely Hazardous Substance (EHS):** Not listed

**Section 312, Reporting (40 CFR 370):**

**SARA/OSHA Hazardous Chemical Reporting Quantity:** Not applicable

**Section 313, Toxic Chemicals:** Not listed

**Reportable Quantity (RQ):** Not listed

**RCRA HAZARDOUS WASTE:** Not listed

**International Right-To-Know Regulations:**

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### X. REFERENCES

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- 1) Supplier sponsored studies.

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