

MATERIAL SAFETY DATA SHEET**WINFIELD SOLUTIONS, LLC****PRODUCT NAME(S)**For Medical Emergency Call: 877-424-7452 or
Call Chem Trec: 800-424-9300**Arrow four****Effective Date: 09/19/07****I. IDENTIFICATION****CHEMICAL NAME OF PRIMARY COMPONENT(S):** Proprietary blend of Modified Glycerol Acid (Citro Phosphate) complex in nitrogen solution with polyacrylamide linear copolymer and surfactants.**FORMULA:** Not Applicable**MOLECULAR WEIGHT:** Mixture**SYNONYMS:** Not Applicable**CAS # & NAME:** N/A (Mixture)**EPA Reg No.** None**II. INGREDIENTS/SUMMARY OF HAZARDS**

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Proprietary blend of Modified Glycerol Acid (Citro Phosphate) complex in nitrogen solution with polyacrylamide linear copolymer and surfactants	N/A(Blend)	NH	88%
Corn Syrup	N/A	NH	12%

	NFPA ^{1/}	HMIS ^{2/}
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: @ 20°C 1.16
BOILING POINT: N/D
FREEZING POINT: N/D
VAPOR PRESSURE: No data available
SOLUBILITY IN WATER: Soluble
APPEARANCE: Light Clear liquid
ODOR: Sweet

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200 F (Pensky--Martins closed cup)
FLAMMABLE LIMITS IN AIR: N/D
AUTOIGNITION TEMPERATURE: N/D
EXTINGUISHING MEDIA: Dry chemical or waterspray or waterfog or CO2 or Foam or Sand/Earth
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/D
SPECIAL FIRE FIGHTING PROCEDURES: N/D

V. REACTIVITY DATA

STABILITY: Product is stable under normal conditions
CONDITIONS TO AVOID: Keep away from strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
MATERIALS TO AVOID: Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide from burning.
HAZARDOUS POLYMERIZATION: Not applicable.

VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES

TOXICOLOGY DATA:
Acute Oral LD₅₀ (rat): LD₅₀ > 2000 mg/kg
Acute Dermal LD₅₀ (rat): LD₅₀ > 2000 mg/kg
Acute Inhalation LC₅₀(4hr rat): N/D
Eye Irritation (rabbit): Minimal irritation
Dermal Irritation (rabbit): Minimal irritation
Dermal Sensitization: N/D

EXPOSURE LIMITS:

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

CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY: This material is not known to contain any chemical listed as a carcinogen by OSHA, IARC or the National Toxicology Program (NTP) at a concentration greater than 0.1%.

SIGNS OF POISONING:**PRIMARY ROUTES OF ENTRY:****EFFECTS OF SINGLE OVEREXPOSURE:**

EFFECTS OF REPEATED OVEREXPOSURE: No data available.

OTHER EFFECTS OF OVEREXPOSURE: Minimal irritation

EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**EMERGENCY FIRST AID PROCEDURES**

SKIN: Immediately flush with large quantities of water for at least 15 minutes.
EYE: Immediately flush with large quantities of water for at least 15 minutes.
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen and call a physician.
ORAL: If swallowed, call a physician.

NOTES TO PHYSICIAN: Treat symptomatically

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Absorb with an inert material such as sand, soil or vermiculite; and sweep up and dispose in accordance with federal, state and local regulations.

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable federal, state and local regulations

CONTAINER DISPOSAL:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store between 40°F and 120°F.

VIII. SPECIAL PROTECTION INFORMATION

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
- Refer to product label for PPE required for labeled use

RESPIRATORY PROTECTION:

VENTILATION: Local, mechanical, special.

PROTECTIVE CLOTHING: Rubber or plastic, solvent resistant.

EYE PROTECTION: Chemical safety goggles. Neoprene protective type apron.

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

IX. REGULATORY STATUS

TSCA INVENTORY STATUS:**TRANSPORTATION STATUS:****DOT INFORMATION:**

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group
	Adjuvant spreader, sticker in nitrogen solution	Not hazardous		

SARA TITLE III**Section 302-304 (40 CFR 350):****Extremely Hazardous Substance (EHS):****Section 312, Reporting (40 CFR 370):****SARA/OSHA Hazardous Chemical Reporting Quantity:** 10,000 lbs

Section 313, Toxic Chemicals: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372

Reportable Quantity (RQ):**RCRA HAZARDOUS WASTE:****International Right-To-Know Regulations:**

X. REFERENCES

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH,
BUT, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE.