NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY
0	Least			Not regulated as a hazardous material for ground transport. (See Section 14 for additional information)
1	Slight	**2**	**Health**	
2	Moderate	**0**	**Flammability**	
3	High	**0**	**Reactivity**	
4	Severe			

SECTION 1: IDENTIFICATION

Product Name: Corral® Poly
EPA Registration #: Exempt
Product ID/Unity #: 60320509
Common Name: Agricultural Adjuvant
Chemical Description: Anionic Polyacrylamide in Water-in Oil Emulsion
Recommended Uses: Agricultural Adjuvant. See product label for complete list of recommended uses and use sites.
Restrictions for Use: See product label for information regarding restrictions on the use of this product.

Manufactured For:
WINFIELD SOLUTIONS, LLC
P. O. Box 64589
St. Paul, MN 55164-0589

MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs)

Non-Emergency Business Inquiries: 1-855-494-6343
Mon – Fri 8am – 5pm (Central Standard Time)

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:
CHEMTREC 1-800-424-9300 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White, liquid emulsion with a sulfur dioxide odor. Causes eye and skin irritation. May be harmful if swallowed or inhaled.

POTENTIAL HEALTH EFFECTS:
Eyes: Causes mild to moderate eye irritation including redness, blurred vision and stinging.
Skin: Skin contact causes irritation, defatting and dermatitis.
Inhalation: May irritate the respiratory tract and cause discomfort to nose and throat.
Ingestion: Swallowing can result in gastrointestinal irritation, nausea, vomiting and diarrhea.
Preexisting Conditions: Pre-existing respiratory conditions may be aggravated by exposure to mists.
Chronic Health Effects: None known.

Carcinogenicity NTP: Not listed IARC: Not listed OSHA: Not listed

OSHA HCS 2012 CLASSIFICATION: Eye Irritation Category 2B; Skin Irritation Category 2

SIGNAL WORD: WARNING

HAZARD STATEMENTS:
Causes eye irritation.
Causes skin irritation.

Percent of product with unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:
Prevention: Wash hands thoroughly after handling. Wear protective gloves.
Response: **If in eyes:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention. **If on skin:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.
Storage: See section 7 for information on product storage.
Disposal: See section 13 for information on product disposal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	% (wt)	CAS Reg. #
Proprietary blend of Anionic Polyacrylamide in Water-in Oil Emulsion	100.0%	*

*Ingredients not specifically listed are non-hazardous and/or are considered to be confidential business information under 29 CFR 1910.1200(i).

See Section 8 for exposure limits.

SECTION 4: FIRST AID MEASURES

Inhalation: Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.

Ingestion: Seek medical attention or call a poison control center immediately. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

Eyes: Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if irritation persists.

Skin: Remove contaminated clothing and wash before re-using them. Wash exposed skin with soap and water. Seek medical attention if skin irritation persists.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use foam, dry chemical or carbon dioxide (CO2). Water may be ineffective in firefighting. Use water spray/fog for cooling containers and firefighters.
Unsuitable Extinguishing Media: Water jet.
Special Fire Fighting Procedures: Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind. Notify proper authorities if liquid material enters the sewer or public waters.
Hazardous Combustion Products: Incomplete combustion may yield carbon oxides, nitrogen oxides and ammonia.
Unusual Fire and Explosion Hazards: Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.
Environmental Precautions: Keep material from entering storm sewers and ditches which lead to waterways.
Methods for Containment: Contain spilled liquid by diking area with sand or earth.
Methods for Clean-up: Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop or sweep up material and place in a container for disposal. Do not place spilled material back in original container.
Other Information: No other information available.

SECTION 7: HANDLING AND STORAGE

Handling: Ensure adequate ventilation. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.
Storage: Store in cool, dry area away from children, feed and food products in an area away from incompatible substances. Protect packaging from physical damage. Protect from exposure to fire. Maintain product between 45°F and 120°F. Keep away from heat and open flames. Storage at room temperature will help maintain product integrity.
Minimum Storage Temperature: 45°F
Other Precautions: Consult Federal, state and local laws and regulations pertaining to storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component:	OSHA PEL	ACGIH TLV	NIOSH REL
No components have exposure guidelines.			

Respiratory Protection: For most conditions, no respiratory protection should be needed. However, use a NIOSH approved organic vapor respirator as necessary.

Engineering Controls: **Local Exhaust:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

Protective Gloves: Wear chemically protective gloves to prevent exposure to the skin.
Eye Protection: Wear chemical goggles or safety glasses and full face shield. Contact lenses are not eye protective devices. An emergency eyewash or water supply should be readily accessible to the work area.
Other Protective Clothing or Equipment: Wear long-sleeve shirt, long pants and shoes plus socks to prevent prolonged or repeated skin contact.

Work/Hygienic Practices: Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	**Specific Gravity (H_2O=1):**	1.00 (typical)
Vapor Pressure (mm Hg):	Not determined	**Density (lbs/gallon):**	8.35 lbs/gal (typical)
Vapor Density (Air=1):	Not determined	**Melting Point/Freezing Point:**	Not determined
Solubility in Water (wt %):	Soluble	**Boiling Point/Range:**	>200°F
Viscosity:	>20.5 mm2/sec (104°F)	**pH (5% Solution):**	4.0 – 6.0
Appearance and odor:	White liquid emulsion with sulfur dioxide odor.	**Flash Point:**	>200°F

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known.
Chemical Stability: Product is stable at ambient temperature and pressure, under normal storage and handling.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: Incompatible materials
Incompatible Materials: Strong oxidizing materials.
Hazardous Decomposition Products: May generate carbon oxides, nitrogen oxides and ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Eye Effects:	Causes mild irritation to eyes including redness, tearing, blurred vision and stinging based on data taken from products of similar composition.
Skin Effects:	Causes irritation to skin including defatting and dermatitis. Absorption through skin increases exposure.
Acute Inhalation Effects:	LC50 is not determined. May irritate the respiratory tract and cause discomfort to nose and throat.
Acute Oral Effects:	LD50 is not determined. Swallowing can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Specific Target Organ Toxicity:	None known.

CHRONIC TOXICITY

Chronic Effects:	Not anticipated to have chronic health effects due to exposure.
Carcinogenicity:	None of the components of this product are known or suspected of having carcinogenic effects.
Mutagenicity:	None of the components of this product are known or suspected of having mutagenic effects.
Teratogenicity:	None of the components of this product are known or suspected of having teratogenic effects.
Reproductive Toxicity:	None of the components of this product are known or suspected of having effects on the reproductive system.

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POTENTIAL HEALTH EFFECTS:
Eyes: Causes mild to moderate eye irritation including redness, blurred vision and stinging.
Skin: Skin contact causes irritation, defatting and dermatitis.
Inhalation: May irritate the respiratory tract and cause discomfort to nose and throat.
Ingestion: Swallowing can result in gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL SUMMARY: Based upon EPA classifications, this product is considered highly toxic to aquatic invertebrates and practically non-toxic to fish.

ECOTOXICITY DATA:

Fish Acute and Prolonged Toxicity:	Rainbow trout 96-hr (static) LC50 = 150 mg/L; NOEC = 100 mg/L Fathead minnow 96-hr LC50 = 187.5 mg/L; NOEC = 125 mg/L
Aquatic Invertebrate Acute Toxicity:	Daphnia magna 4-hr (static) EC50 = 0.1898 mg/L; NOEC = 0.125 mg/L
Aquatic Plant Toxicity:	Not determined
Bird Acute and Prolonged Toxicity:	Not determined
Honeybee Toxicity:	Not determined

ENVIRONMENTAL EFFECTS:

Soil Absorption/Mobility:	Not determined
Persistence and degradability:	Not determined
Bioaccumulative Potential:	Not determined
Other adverse effects:	None known

SECTION 13: DISPOSAL CONSIDERATIONS

Waste: Dispose of in accordance with applicable Federal, state and local laws and regulations.
Container: Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations.
RCRA Characteristics: It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

SECTION 14: TRANSPORT INFORMATION

DOT: (Ground)	This product is not regulated by the U.S. Department of Transportation as a hazardous substance for ground shipment.
IMDG: (Sea)	Not determined
IATA: (Air)	Not determined
TDG: (Canada)	Not determined

SECTION 15: REGULATORY INFORMATION

TSCA Inventory: All components are listed on the TSCA inventory or are exempt from listing.
SARA Title III Information:
Section 302 - Extremely hazardous substances: None listed
Section 311/312 – Hazard Categories: Immediate (Acute)
Section 313 – The following chemicals are subject to the reporting requirements of Section 313 of Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372:
None listed

CERCLA - This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):
None listed

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U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):

Chemical Name	CAS #	State(s)
No components listed		

Canadian Domestic Substances List: Not determined

WHMIS Classification: This product is not approved for use in Canada. WHMIS classification is not determined.

Other Information: Trace ingredients (if any) are present in <1% concentration (<0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute a significant additional hazard at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Material Identification System Standard (CPR 4).

SECTION 16: OTHER

Disclaimer: The information presented herein is based on available data from reliable sources and is correct to the best of WinField Solutions' knowledge. WinField Solutions, LLC makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

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