

AMSOL PLUS



## SAFETY DATA SHEET

Date Issued : 3/20/20

SDS No : AMSOL PLUS

Revisions made: Section 2, 9, 11

### AMSOL PLUS

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AMSOL PLUS**CHEMICAL FAMILY:** Water Conditioning Agent/Polymer**GENERIC NAME:** Mixture**DISTRIBUTOR**

Winfield Solutions, LLC

P.O. Box 64589

St. Paul, MN 55164-0589

**24 HR. EMERGENCY TELEPHONE NUMBERS**

Medical Emergency: 1-877-424-7452 (24 hrs)

ChemTrec 1-800-424-9300 (transportation and spills)

Non-Emergency Business Inquiries:

1-855-494-6343 Mon – Fri 8am – 5pm (CST)

#### 2. HAZARDS IDENTIFICATION

**GHS****CLAS****SIFIC****ATIO****NS****Health**

:

Acute Toxicity (Oral), Category 5, may be harmful if swallowed

Acute Toxicity (Dermal), Category 5, may be harmful in contact with skin

Skin Irritation, Category 3, causes mild skin irritation

Eye Irritation, Category 2B, causes eye irritation

Acute Inhalation, Category 5, may be harmful if inhaled.

**GHS LABEL**

No pictogram required

**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H303: May be harmful if swallowed.

H313: May be harmful in contact with skin.

H316: Causes mild skin irritation.

H319: Causes eye irritation.

H333: (Cat 5) May be harmful if inhaled

**PRECAUTIONARY STATEMENTS****Prevention:**

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- P101: If medical advice is needed, have product container on label at hand.  
 P102: Keep out of reach of children.  
 P103: Read label before use.  
 P264: Wash hands, face and other affected areas thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P271: Use only outdoors or in a well ventilated area.  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313: If eye irritation persists: Get medical advice/attention.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes moderate eye irritation.

**SKIN:** Causes mild skin irritation

**INGESTION:** Ingestion may irritate the digestive tract.

**INHALATION:** Inhalation is not expected to be a route of entry that causes concern.

**SENSITIZATION:** Not a skin sensitizer

**COMMENTS: KEEP OUT OF REACH OF CHILDREN.**

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Ammonium Sulfate solution and siloxane	85	Mixture
Acrylamide sodium acrylate linear copolymer blend	15	Mixture

**4. FIRST AID MEASURES**

**EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**ADDITIONAL INFORMATION:** Have the product container or label with you when calling a poison control center or doctor or going in for treatment. For emergency medical assistance call 1-877-424-7452.

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**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water spray or fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

**EXPLOSION HAZARDS:** No specific explosion hazards are identified or expected.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

**FIRE FIGHTING EQUIPMENT:** Wear fire fighting gear appropriate for surrounding fire.

**FIRE EXPLOSION:** No specific explosion hazards are identified or expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic fumes may be emitted in a fire situation.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

**LARGE SPILL:** Dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Place it and unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not contaminate any body of water.

**LAND SPILL:** Avoid runoff onto any adjacent land.

**SPECIAL PROTECTIVE EQUIPMENT:** Always wear proper protective equipment when handling this product.

**HANDLING:** Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**STORAGE:** If stored below freezing, shake well or recirculate before use. Store above 0°F. Keep containers tightly closed. Store in original container. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes, or by cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear chemical goggles or shielded safety glasses when handling and mixing product.

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**SKIN:** Wear protective clothing: long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

**RESPIRATORY:** Work in a well-ventilated area; exposure to airborne contaminants is not expected to cause concern.

**PROTECTIVE CLOTHING:** Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**ODOR:** Odorless

**APPEARANCE:** Liquid

**COLOR:**

Colorless to

slight yellow

**pH:** 5 to 7

**PERCENT VOLATILE:** 70

**FLASH POINT AND METHOD:** >100° C

**VAPOR PRESSURE:** Not Established

**SOLUBILITY IN**

**WATER:**

Soluble

**EVAPORATIO**

**N RATE:** Not

Established

**DENSITY:** 9.75

- 10.09 lbs/gal.

**SPECIFIC GRAVITY:** 1.15 to 1.25 g/mL

**COMMENTS:** These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable at ambient temperatures and atmospheric pressure.

**HAZARDOUS POLYMERIZATION:**

Will not occur

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may yield carbon monoxide, carbon dioxide and other hazardous gases..

**INCOMPATIBLE MATERIALS/CONDITIONS TO AVOID:** Strong oxidizing agents.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE**

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**DERMAL LD<sub>50</sub>:** >3,000 mg/kg (Rabbit)**ORAL LD<sub>50</sub>:** >3,000 mg/kg (Rat)**INHALATION LC<sub>50</sub>:** Not Established**EYE EFFECTS:** Product is normally non-irritating but, may cause redness, tearing, and mild irritation.**SKIN EFFECTS:** Product is normally non-irritating but, may cause more severe irritation such as local redness and swelling with prolonged exposure.**INHALATION:** May irritate the respiratory tract and cause discomfort to nose and throat if exposed to mist.**INGESTION:** Low toxicity but large quantities may cause abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product.**CHRONIC EXPOSURE:** no data available**AGGRAVATION OF PRE-EXISTING CONDITIONS:** no data available**SPECIFIC TARGET ORGAN TOXICITY –**

SINGLE EXPOSURE: No data available

REPEATED EXPOURE: No data available

**MUTAGENICITY:** No data available**REPRODUCTIVE TOXICITY:** No data available**ASPIRATION HAZARD:** No data available**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Ecotoxicity information is not available. This product is not for use in aquatic settings.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Do not reuse product containers. Do not contaminate water, food, or feed by disposal. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.**EMPTY CONTAINERS:** Empty containers must be handled properly due to product residue.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PRIMARY HAZARD CLASS/DIVISION:** Not regulated by DOT**UN/NA NUMBER:** NA**PACKING GROUP:** NA**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** Not Listed

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**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312: FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No

**ACUTE:** Yes **CHRONIC:** No

**313: REPORTABLE INGREDIENTS:** Not Listed

**302/304: Emergency Planning:** Not listed

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT) CERCLA RQ:** Not Listed

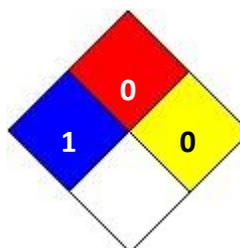
**CALIFORNIA PROPOSITION 65:** Not Listed, this product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

**16. OTHER INFORMATION**

**REASON FOR ISSUE:** Winfield United revision

**PREPARED BY:** Winfield Solutions, LLC

**NFPA CODES**



**GENERAL STATEMENTS: DISCLAIMER OF LIABILITY**

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toxicity, and suitability of his own use, handling, and disposal of this product. Since actual use by others is beyond our control; no warranty, expressed or implied, is made by Winfield Solutions, LLC as to the effects of such use, the results to be obtained, or the safety and toxicity of this product, nor does Winfield Solutions, LLC assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other materials or in any process.