

# SAFETY DATA SHEET



Date of preparation/last  
revised : 4/1/19  
SDS No : Fulvic 5

## Fulvic 5

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Fulvic 5  
**CHEMICAL FAMILY:** Fertilizer Additive  
**GENERIC NAME:** Amorphous Polymer

#### DISTRIBUTOR

Winfield Solutions, LLC  
BOX 64589  
St. Paul, MN 55164  
**Customer Service:** 855-494-6343

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTrec 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL

#### PRECAUTIONARY STATEMENTS

##### General:

- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of reach of children.
- P103: Read label before use.

**SENSITIZATION:** Not a skin sensitizer.

**COMMENTS HEALTH:** Read all precautions of products being handled and follow the most restrictive language for all products to provide the safest work environment.

**COMMENTS:** This product is not considered hazardous under GHS classification guidelines. Refer to Section 15 for current precautionary statements.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Fulvic Acid Complex	5	Mixture
Inert Ingredients	95	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:** Remove contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Immediately call a poison control center or doctor. Dilute with large amounts of water. Do not induce vomiting unless directed to do so by a medical professional. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If vomiting occurs, keep head lower than hips to prevent introduction of fluid into the lungs.

**INHALATION:** Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

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**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.

**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 **CHEMTREC 1-800-424-9300**.

## 5. FIRE FIGHTING MEASURES

**GENERAL HAZARD:** Toxic fumes may be emitted in a fire situation.

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

**EXPLOSION HAZARDS:** No specific explosion hazards are identified or expected. Always fight fire with the implication that other volatile substances may be present.

**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. 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:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 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.

## 7. HANDLING AND STORAGE

**HANDLING:** Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with eyes and prolonged contact with skin. 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:** Store in a cool, dry place away from children and animals. Store in original container. Keep away from heat, sparks and open flame. Keep tightly closed. Do not store product near strong oxidizing agents. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Store above 35° F and below 120° F.

**STORAGE TEMPERATURE:** (35°F) Minimum to (120°F) Maximum

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical goggles or shielded safety glasses (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses should not be worn when working with chemicals.

**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

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**ODOR:** Not Available**APPEARANCE:** Liquid**COLOR:** Pale yellow**pH:** 2.5**PERCENT VOLATILE:** 95**FLASH POINT AND METHOD:** Not Available**AUTOIGNITION TEMPERATURE:** Not Available**VAPOR PRESSURE:** 14.2 mm Hg at 20°C**VAPOR DENSITY:** 1.21 @ 20° C**BOILING POINT:** to 104°C**FREEZING POINT:** -2°C**MELTING POINT:** Not Available**POUR POINT:** Not Available**THERMAL DECOMPOSITION:** Not Available**SOLUBILITY IN WATER:** 100% Soluble**EVAPORATION RATE:** 0.4**Notes:** Normal (water)**DENSITY:** Not Applicable**SPECIFIC GRAVITY:** 1.026 at 25°C**VISCOSITY:** Not Available**MOLECULAR WEIGHT:** Not Available

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Contact with strong oxidizers.**HAZARDOUS DECOMPOSITION PRODUCTS:** Sulfur dioxide, carbon dioxide, and carbon monoxide.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**EYES:** Not Available**DERMAL LD<sub>50</sub>:** Not Available**SKIN ABSORPTION:** Not Available**ORAL LD<sub>50</sub>:** > 5 g (dry matter, rat)**INHALATION LC<sub>50</sub>:** Not Available

### CARCINOGENICITY

**Notes:** Not listed in OSHA, NTP, IARC or ACGIH**SENSITIZATION:** Not a contact sensitizer

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Ecotoxicity information is not available. This product is not for use in aquatic settings.

## 13. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Do not reuse product containers. 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.

#### 14. TRANSPORT INFORMATION

##### DOT (DEPARTMENT OF TRANSPORTATION)

**PRIMARY HAZARD CLASS/DIVISION:** Not regulated by DOT

**PLACARDS:** None

**LABEL:** None

#### 15. REGULATORY INFORMATION

##### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** Not Listed

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** Not Listed

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** Not Listed

**CERCLA RQ:** Not Listed

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All components of this product are listed under the regulation of the Toxic Substance Control Act.

**CALIFORNIA PROPOSITION 65:** Not Listed

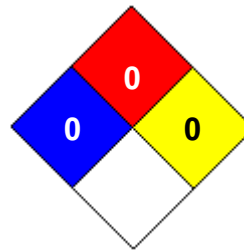
**CARCINOGEN:** Not Listed

**GENERAL COMMENTS:** Harmful if swallowed. Avoid contact with eyes, skin and clothing. In case of contact, immediately flush with water.

#### 16. OTHER INFORMATION

**REASON FOR ISSUE:** New SDS Format

##### NFPA CODES



##### GENERAL STATEMENTS: DISCLAIMER OF LIABILITY

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