

### SECTION 1: Identification

#### 1.1. Identification

Product name : Fulvic Acid 90%  
 Chemical description : Fulvic Acid 90%

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Fertilizers

#### 1.3. Details of the supplier of the safety data sheet

Mycsa AG, Inc  
 3006 JCS Industrial Dr.  
 Brownsville, TX 78526  
[www.mycsainc.com](http://www.mycsainc.com)

#### 1.4. Emergency telephone number

Emergency number : Contact your local emergency response services

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

GHS-US classification  
 Not classified

#### 2.2. Label elements

GHS-US labeling  
 No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name        | Product identifier | %  | GHS-US classification |
|-------------|--------------------|----|-----------------------|
| Fulvic acid | None               | 90 | Not classified        |

Full text of classification categories and H statements: See section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

First-aid measures after skin contact : Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

First-aid measures after eye contact : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

First-aid measures after ingestion : If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Dust can cause irritation to the respiratory tract mucus membrane, sneezing and coughing.

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|                                      |  |
|--------------------------------------|--|
| Symptoms/injuries after skin contact | : Brief contact with the skin is not toxic. Repeated or prolonged contact will dehydrate skin. |
| Symptoms/injuries after eye contact  | : Will irritate on contact, wash out quickly.  |
| Symptoms/injuries after ingestion    | : Can cause upper GI tract disturbance.  |

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water, CO2, fire-extinguishing foam. |
| Unsuitable extinguishing media | : None.                                |

### 5.2. Special hazards arising from the substance or mixture

|                  |   |
|------------------|---|
| Fire hazard      | : During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. |
| Explosion hazard | : None known.   |

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Firefighters should wear full protective gear. |
|--------------------------------|--|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

No additional information available.

#### 6.1.2. For emergency responders

No additional information available.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

|                         |  |
|-------------------------|--|
| For containment         | : Stop the flow of material, if this is without risk.  |
| Methods for cleaning up | : Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycling/salvage if not contaminated by other material. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of product in accordance with local and national regulation. |

### 6.4. Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Avoid inhaling dust. Avoid contact with eyes, skin and clothing. If dusting occurs use approved respirator to eliminate exposure. |
|-------------------------------|---|

### 7.2. Conditions for safe storage, including any incompatibilities

|                    |  |
|--------------------|--|
| Storage conditions | : Storage area should be cool and dry, out of direct sunlight. |
|--------------------|--|

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available.

### 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Exhaust fan recommended in controlling any dusting.                |
| Hand protection                  | : Wear appropriate protective gloves to prevent skin exposure.       |
| Eye protection                   | : Wear appropriate protective eyeglasses or chemical safety goggles. |
| Skin and body protection         | : Wear suitable working clothes.                                     |

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Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid  
Appearance : Powder  
Color : Dark brown  
Odor : Not distinctive  
Odor threshold : No data available  
pH : 6 - 7  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Relative evaporation rate (butyl acetate=1) : No data available  
Flammability (solid, gas) : No data available  
Vapor pressure : No data available  
Relative vapor density at 20 °C : No data available  
Relative density : No data available  
Specific gravity / density : 49 g/100cm<sup>3</sup>  
Solubility : 99%  
Log Pow : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosion limits : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available

#### 9.2. Other information

No additional information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available.

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Will not occur

#### 10.4. Conditions to avoid

Incompatible materials, dust generation.

#### 10.5. Incompatible materials

Contact with strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|  |                               |
|--|-------------------------------|
| Acute toxicity                                     | : Not classified              |
| Skin corrosion/irritation                          | : Not classified<br>pH: 6 - 7 |
| Serious eye damage/irritation                      | : Not classified<br>pH: 6 - 7 |
| Respiratory or skin sensitization                  | : Not classified              |
| Germ cell mutagenicity                             | : Not classified              |
| Carcinogenicity                                    | : Not classified              |
| Reproductive toxicity                              | : Not classified              |
| Specific target organ toxicity (single exposure)   | : Not classified              |
| Specific target organ toxicity (repeated exposure) | : Not classified              |
| Aspiration hazard                                  | : Not classified              |

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available.

#### 12.2. Persistence and degradability

No additional information available.

#### 12.3. Bioaccumulative potential

No additional information available.

#### 12.4. Mobility in soil

No additional information available.

#### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available.

#### 15.2. US State regulations

No additional information available.

### SECTION 16: Other information

*We do not accept liability for loss, injury, or damage which may result from misuse. Data is solely for guidance purposes of safe handling and uses. We encourage users to conduct their own testing best suited for their purposes under their conditions.*