

## EarthLink Affinity 0-0-2.5

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	EarthLink Affinity 0-0-2.5
<b>Other Means of Identification</b>	0-0-2.5
<b>Product Family</b>	Agriculture
<b>Recommended Use</b>	Fertilizer.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer/Supplier Identifier</b>	BioFert Manufacturing Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1
<b>Supplier Identifier</b>	BioFert Manufacturing Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1
<b>Emergency Phone No.</b>	CANUTEC, In the event of an emergency involving dangerous goods, call 613-996-6666 or *666 on a cellular phone.
<b>SDS No.</b>	0782

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Skin corrosion - Category 1C

#### Label Elements



#### Warning

May be harmful in contact with skin.

Causes skin irritation.

Causes serious eye damage.

Do not get in eyes, on skin, or on clothing.

Wash hands and skin thoroughly after handling.

Wear personal protective equipment/face protection.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Keep container tightly closed.

#### Other Hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Potassium hydroxide	1310-58-3	1 - 5%		

#### Notes

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for at least 15 minutes.

#### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Ingestion

Do not induce vomiting. Rinse mouth with water. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

### Most Important Symptoms and Effects, Acute and Delayed

None known.

### Immediate Medical Attention and Special Treatment

#### Target Organs

None known.

#### Special Instructions

No information available.

#### Medical Conditions Aggravated by Exposure

Dermatitis.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Water Fog, Foam, Dry Chemical, CO2.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

Does not burn. None known.

Not known to generate any hazardous decomposition products in a fire.

### Special Protective Equipment and Precautions for Fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

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Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Avoid release to the environment.

### Conditions for Safe Storage

Store in an area that is: well-ventilated. Store in the original, labelled, shipping container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

Use with adequate ventilation. Safety shower and eyewash fountain should be within direct access.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Not normally required if product is used as directed. For non-routine or emergency situations: wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Dark brown liquid. Particle Size: Not available
Odour	Bitter
Odour Threshold	Not available
pH	10.40
Melting Point/Freezing Point	Not applicable (melting); Not available (freezing)
Boiling point/Initial boiling point	Not available
Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.08
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available

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<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Bulk Density</b>	4.09 kg/L

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

High temperatures.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Skin contact; eye contact.

### Acute Toxicity

#### LC50 (Inhalation)

No information was located.

#### LD50 (Oral)

No information was located.

#### LD50 (Dermal)

No information was located.

### Skin Corrosion/Irritation

Human experience shows mild irritation. Symptoms include slight redness and swelling.

### Serious Eye Damage/Irritation

May irritate or burn the eyes. Permanent damage including blindness may result.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause severe nose and throat irritation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

#### Skin Absorption

No information was located.

#### Ingestion

May cause irritation of the mouth, throat and stomach.

### Aspiration Hazard

No information was located.

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#### **STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

#### **Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

#### **Carcinogenicity**

Not known to cause cancer.

#### **Reproductive Toxicity**

##### **Development of Offspring**

No information was located.

##### **Sexual Function and Fertility**

No information was located.

##### **Effects on or via Lactation**

No information was located.

#### **Germ Cell Mutagenicity**

May be mutagenic based on limited evidence.

#### **Interactive Effects**

No information was located.

### **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

No information was located.

#### **Persistence and Degradability**

No ingredient of this product or its degradation products is known to be highly persistent.

#### **Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

#### **Mobility in Soil**

No information was located.

#### **Other Adverse Effects**

There is no information available.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Dispose of according to local, provincial and federal government requirements.

### **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations.

**Special Precautions** Not applicable

#### **Transport in Bulk according to International Maritime Organization Instruments**

Not applicable

### **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

##### **Canada**

##### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

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**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## SECTION 16. OTHER INFORMATION

<b>SDS Prepared By</b>	Regulatory and Technical Resources
<b>Phone No.</b>	604-864-9044
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<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Supplier's SDS.
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