

# Angus Horticulture Ltd



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## SAFETY DATASHEET

9-0-0+11Fe

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** 9-0-0+11Fe

**REACH registration notes** Exempt from REACH registration according to Regulation (EC) No. 1907/2006 (REACH)

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

**Identified uses** Fertiliser

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

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### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Not Classified

##### Health hazards

Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

##### Environmental hazards

Not Classified

#### 2.2. Label elements

##### Pictogram



**Signal word** Warning

##### Hazard statements

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

##### Precautionary statements



## 9-0-0 +11Fe

- P264 Wash contaminated skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with national regulations.

**Contains** Ferrous Sulphate 18%

### Supplementary precautionary statements

- P302+P352 IF ON SKIN: Wash with plenty of water.
- P321 Specific treatment (see medical advice on this label).
- P330 Rinse mouth.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Ferrous Sulphate 18%</b>	<b>30-60%</b>
<b>CAS number:</b> 7720-78-7 <b>EC number:</b> 231-753-5 <b>REACH registration number:</b> 01-2119513203-57-XXXX	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R22. Xi; R36/38
<b>SSP Single Superphosphate</b>	<b>10-30%</b>
<b>CAS number:</b> 8011-76-5 <b>EC number:</b> 232-379-5 <b>REACH registration number:</b> 01-2119488967-11-XXXX	
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R41

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Get medical attention if symptoms are severe or persist.

#### Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Get medical attention if symptoms are severe or persist.

#### Skin contact

Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing.

#### Eye contact

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

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

#### **Inhalation**

Dust in high concentrations may irritate the respiratory system.

#### **Ingestion**

May be harmful if swallowed. Gastrointestinal symptoms, including upset stomach.

#### **Skin contact**

May cause irritation. Prolonged contact may cause redness, irritation and dry skin.

#### **Eye contact**

Prolonged or repeated exposure may cause severe irritation. May cause severe eye irritation.

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

#### **Notes for the doctor**

Treat symptomatically.

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## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

#### **Unsuitable extinguishing media**

Not applicable.

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

#### **Specific hazards**

None known.

### 5.3. Advice for firefighters

#### **Protective actions during firefighting**

No specific firefighting precautions known.

#### **Special protective equipment for firefighters**

Use protective equipment appropriate for surrounding materials.

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## **SECTION 6: Accidental release measures**

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

#### **Personal precautions**

Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery.

### 6.2. Environmental precautions

#### **Environmental precautions**

The product is slowly degradable. The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

#### **Methods for cleaning up**

Take care as floors and other surfaces may become slippery. Collect and dispose of spillage as indicated in Section 13.

### 6.4. Reference to other sections

#### **Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Usage precautions**

Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid inhalation of dust and contact with skin and eyes.

**Advice on general occupational hygiene**

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

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

**Storage precautions**

Store in a dry place.

**7.3. Specific end use(s)**

**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure Controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limits**

**Ammonium Sulphate**

Long-term exposure limit (8-hour TWA): LTEL 10Mg/m<sup>3</sup>

**Ferrous Sulphate 18%**

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

**Coating Oil**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> inhalable fraction

WEL = Workplace Exposure Limit

**SSP Single Superphosphate (CAS: 8011-76-5)**

DNEL	Workers - Inhalation; Long term systemic effects: 3.1 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 17.4 mg/kg/day General population - Inhalation; Long term systemic effects: 0.9 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 2.1 mg/kg/day General population - Dermal; Long term systemic effects: 10.4 mg/kg/day
PNEC	- Fresh water; 1.7 mg/l - Marine water; 0.17 mg/m <sup>3</sup> - Intermittent release; 17 mg/l - STP; 10 mg/l

**8.2. Exposure controls**

**Protective equipment**



**Appropriate engineering controls**

All handling should only take place in well-ventilated areas.

**Eyeface protection**

Wear eye protection.

**Hand protection**

Wear protective gloves.

**Other skin and body protection**

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Wear appropriate clothing to prevent repeated or prolonged skin contact.

### Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

### Respiratory protection

No specific recommendations.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Granules.

#### Colour

Beige to dark brown or black.

#### Odour

Mild.

#### Odour threshold

Not determined.

#### pH

Slightly Acidic

#### Melting point

Not relevant.

#### Initial boiling point and range

Not relevant.

#### Flash point

Not relevant.

#### Evaporation rate

Not relevant.

#### Flammability (solid, gas)

The product is not flammable.

#### Vapour pressure

Not relevant.

#### Vapour density

Not relevant.

#### Relative density

Not relevant.

#### Solubility(ies)

Not known.

#### Partition coefficient

Not known.

#### Auto-ignition temperature

Not relevant.

#### Decomposition Temperature

Not relevant.

#### Viscosity

Not relevant.

#### Explosive properties

Not relevant.

#### Oxidising properties

Does not meet the criteria for classification as oxidising.



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### 9.2. Other information

#### Other information

No information required.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No test data specifically related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

#### Stability

Stable when stored in a dry place.

### 10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

#### Materials to avoid

None known.

### 10.6. Hazardous decomposition products

None known.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### ATE oral (mg/kg)

798.69804707

#### Acute toxicity - dermal

##### Notes (dermal LD50)

No specific test data are available.

#### Acute toxicity - inhalation

##### Notes (inhalation LC50)

No specific test data are available.

#### Serious eye damage/irritation

Irritation of eyes is assumed. In-vitro testing conducted on products with SSP Content <62%, 2015, Result: Reduced classification to Eye Irritant. Test Guideline OECD 438. This result is less severe than the harmonized classification for Super Phosphates as Eye Damage 1 H318.

#### Respiratory sensitisation

No specific test data are available.

#### Skin sensitisation

Not determined.

#### Germ cell mutagenicity

#### Genotoxicity - in vitro

This substance has no evidence of mutagenic properties.

#### Carcinogenicity

No specific test data are available.

#### Reproductive toxicity

#### Reproductive toxicity - fertility

Does not contain any substances known to be toxic to reproduction.



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### Specific target organ toxicity - single exposure

#### **STOT - single exposure**

Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

#### **STOT - repeated exposure**

Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

#### **Ingestion**

May be harmful if swallowed.

#### **Skin contact**

May cause irritation.

#### **Eye contact**

The product is considered to be a low hazard under normal conditions of use. May cause eye irritation.

## SECTION 12: Ecological Information

### **Ecotoxicity**

The product is not expected to be toxic to aquatic organisms.

### **12.1. Toxicity**

### **12.2. Persistence and degradability**

The product is slowly degradable.

### **12.3. Bioaccumulative potential**

#### **Partition coefficient**

Not known.

### **12.4. Mobility in soil**

#### **Mobility**

No data available.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

### **12.6. Other adverse effects**

Not relevant.

## SECTION 13: Disposal considerations

### **13.1. Waste treatment methods**

#### **General information**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### **Disposal methods**

Reuse or recycle products wherever possible. No specific disposal method required.

## SECTION 14: Transport information

### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.



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**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.

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**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

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**SECTION 16: Other information**

**Revision comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

**SDS number** 4903

**Hazard statements in full**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.