



**SAFETY DATA SHEET (SDS)**  
(In accordance with GHS ST/SG/AC.10/30/Rev.7 and SANS ISO 110141)

**FRUITMAX**

Issue Date	03/2021
Revision Date	2024
SDS Nr.	MW/CM060

**Section – 1 PRODUCT AND COMPANY IDENTIFICATION**

**Product name** : FruitMax  
**Product Code** : K 11107  
**Recommended use** : Specifically designed for use as a potassium/phosphorous fertiliser applied via foliar spray  
**Supplier** : Metson Manufacturing CC  
P.O. Box 1005, Cresta, 2118  
Gauteng, South Africa  
**Emergency Telephone Number** : 0861 Metson (638 766)

**Section 2 - HAZARDS IDENTIFICATION**

Hazard Class	Hazard Category	Hazard Statement	Hazard Code	Signal Word
Skin corrosion/irritation	2	Causes skin irritation	H315	Warning
Serious eye damage/irritation	1	Causes serious eye damage	H318	Danger

**Section 3 – COMPOSITION / INFORMATION ON COMPONENTS**

**Substance / preparation** : Preparation  
**Chemical nature** : Concentrated liquid  
**Hazardous components:** -

Chemical Name	CAS No.	Concentration
Phosphorous	7723-14-0	25-75%
Potassium	7440-09-7	25-75%
Non disclosed ingredients		25-100%

*Ingredients not identified are confidential or non-hazardous. Values on SDS are not product specifications.*

**Section 4 - FIRST AID MEASURES**

**Eye Contact** : Wash with copious amount of water for about 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat rinse. Seek medical advice immediately.

**Skin Contact** : Remove all contaminated clothing while flushing the contaminated skin immediately with running water for a minimum of 15 minutes. If irritation persists, repeat rinse. Seek medical advice if required.

**Ingestion** : Give ½ to one full glass of water to rinse the mouth with. Do not induce vomiting, unless under direction of a physician or a poison control center expert. If spontaneous vomiting occurs, have the victim lean forward with the head down to avoid breathing in of vomit, rinse mouth and administer water. Transport the victim immediately to a emergency facility.

**Note to Physician** : None



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### Section 5 - FIRE FIGHTING MEASURES

The product is potentially flammable.

**Suitable extinguishing media** : Use media appropriate for the surrounding fire.

**Special protective equipment** : Normal bunker gear.

**Specific hazards** : No special measures required.

### Section 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions** : Avoid contact with eyes.

**Environmental precautions** : Avoid dumping of material into water sources.

**Methods for cleaning up** : Small quantities – Collect spill and containerize.  
Wash spill area with water.  
Large quantities – Dispose waste according to the local regulations.

### Section 7 - HANDLING AND STORAGE

**Safe handling advice** : Prevent skin or eye contact. Avoid getting the product on you or in you. Wash hands after handling. Do not eat or drink while handling the product.

**Storage conditions** : Do not store with food, feed or other materials for human or animal consumption. Store in a clean, dry place. Do not store in direct sunlight. Keep container tightly closed. Store below 43°C.

### Section 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

**Exposure limits** : None

#### **Personal protection equipment**

**Eye protection** : Eye contact with the material should be avoided. Safety glasses, goggles or face shields required. Maintain eye wash fountain and quick drench facilities in work areas.

**Skin and body protection** : Gloves and protective clothing made from Viton or PVC should be used. Verify impermeability under normal usage conditions.

**Inhalation** : Respirator Mask or NIOSH approved air purifying mask – required under normal conditions

**Protective measures** : Required under normal conditions. If eye or skin contact can occur washing facility for eyes and skin must be available nearby.



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### Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Colour	: Clear liquid
Odour	: Slight salt odour.
Initial boiling point	: N/A (100°C)
Flash point	: N/A
pH	: 9.6
Specific gravity	: 1.5
Water solubility	: Water soluble

### Section 10 – STABILITY AND REACTIVITY

Conditions to avoid	: Flame sources
Materials to avoid	: None.
Hazardous decomposition products	: Oxides of phosphates
Hazardous polymerization	: Will not occur.

### Section 11 - TOXICOLOGICAL INFORMATION

#### LD50 Acute oral

#### Eye irritant

Arsenic pentoxide	: Refer to risk statement in section 15
Chromium trioxide	: Refer to risk statement in section 15
Cupric oxide	: Refer to risk statement in section 15

#### Skin irritant

Arsenic pentoxide	: Refer to risk statement in section 15
Chromium trioxide	: Refer to risk statement in section 15
Cupric oxide	: Refer to risk statement in section 15

#### Carcinogen

Arsenic pentoxide	: Refer to risk statement in section 15
Chromium trioxide	: Refer to risk statement in section 15
Cupric oxide	: Refer to risk statement in section 15

#### Acute exposure symptoms

Arsenic pentoxide	: Refer to risk statement in section 15
Chromium trioxide	: Refer to risk statement in section 15
Cupric oxide	: Refer to risk statement in section 15



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### Section 12 - ECOLOGICAL INFORMATION

#### **Persistence / degradability**

Arsenic pentoxide : Refer to risk statement in section 15  
Chromium trioxide : Refer to risk statement in section 15  
Cupric oxide : Refer to risk statement in section 15

#### **Ecotoxicity**

Arsenic pentoxide : Refer to risk statement in section 15  
Chromium trioxide : Refer to risk statement in section 15  
Cupric oxide : Refer to risk statement in section 15

### Section 13 – DISPOSAL CONSIDERATIONS

**Product** : Dispose according to the local regulations.  
**Containers** : Dispose according to the local regulations.  
**Contaminated packaging** : Dispose according to the local regulations.

### Section 14 – TRANSPORT INFORMATION

Non - Dangerous

### Section 15 – REGULATORY INFORMATION

#### **National legislation (South Africa)**

**Hazardous substances** : Occupational Health and Safety Act, Act 85 of 1995 – Regulations for hazardous chemical substances.  
**Transport** : National Road Traffic Act, Act 93 of 1996 – Chapter VII of the regulations.  
**Waste disposal** : National Water Act, Act 36 of 1998

#### **Other regulations**

**Hazard Symbols** : None  
**Risk phrases** : H315 – Causes skin irritation  
H318 – Causes serious eye damage  
**Safety phrases** : None

