

# MATERIALS SAFETY DATA SHEET (MSDS)

## K-Mac

### COMPANY DETAILS

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### 1. Product and Company Identification

Trade Name	:	K-Mac
Chemical abstract No.	:	Not Applicable
Chemical Family	:	Not Applicable
Molecular Mass	:	Not Applicable
Chemical Name	:	Not Applicable
NIOSH No.: Not Applicable	:	
Synonyms	:	Not Applicable
Hazchem code	:	Not Applicable
UN No.	:	Not applicable
Recommended use	:	Biological fertiliser/foiar feed

### 2. Composition:

Ingredients	:	Proprietary mix of non-hazardous fertiliser ingredients – 100%
Hazardous components	:	Non-hazardous
EEC classification	:	Not Applicable.
Risk Phrases	:	None.

### 3. Hazards Identification:

Main Hazard	:	May cause eye irritation.
Flammability	:	Non-flammable and non-combustible.
Chemical Hazard	:	Not Applicable.
Biological Hazard	:	Not Applicable.
Reproductive hazard	:	Not Applicable.

### 4. First Aid Measures

Health effects – eyes	:	Rinse immediately with water for at least 15 minutes. Consult physician if irritation occurs.
Health effects – skin	:	Wash with water. Consult a physician if skin redness or irritation occurs.
Health effects – ingestion	:	Rinse mouth and consult a physician.
Health effects – inhalation	:	Remove to fresh air. Get medical attention if irritation occurs or breathing difficulty develops.
Carcinogenicity	:	Not Applicable.
Mutagenicity	:	Not Applicable.
Neurotoxicity	:	Not Applicable.
Recommended first aid	:	Due to the nature of this product there are no specific first aid facilities required.

### 5. Fire-fighting Measures:

Extinguishing media	:	The product is non-flammable. The dried material is combustible. Water or any other extinguishing agents may be used, should there be an incident involving CMS.
Special hazards	:	Not Applicable.
Protective clothing	:	As in any fire, wear a self-contained breathing apparatus and full protective gear.
Hazchem code	:	Not applicable

## 6.Accidental Release Measures:

Personal precautions	:	Not Applicable.
Environmental precautions	:	Prevent liquid entering sewers. Do not allow to enter surface waters, storm drains, etc.
Small spills	:	Take immediate steps to stop and contain the spill.
Large spills	:	Stop the source of the release, contain the spill using appropriate material and prevent it from entering any waterway or sewer. Recover any spilled material and washings to a water treatment facility.

## 7.Handling and Storage:

Suitable material	:	Store in a cool, dry area in a sealed container. Do not store in prolonged sunlight.
Handling/storage precautions	:	Incompatible with powerful oxidising agents. Product is non-toxic and non-hazardous.

## 8.Exposure Control / Personal Protection:

Occupational exposure limits	:	Not Applicable.
Engineering control measures	:	Not Applicable.
Personal protection – respiratory	:	Not Applicable
Personal protection – hand	:	Rubber or neoprene gloves are recommended.
Personal protection – eye	:	Safety goggles are recommended.
Personal protection – skin	:	Standard protective clothing is recommended.
Other protection	:	Not Applicable

## 9.Physical and Chemical Properties:

Appearance	:	Light brown thick liquid
Odour	:	Slight odour.
pH	:	8 - 9
Boiling point	:	No data available.
Melting point	:	No data available.
Flash point	:	Not Applicable.
Flammability	:	Not flammable.
Explosive properties	:	Not Applicable.
Oxidizing properties	:	Not Applicable.
Vapour pressure	:	Not Applicable.
Density	:	No data available.
Solubility – water	:	Fully miscible.
Specific gravity	:	1.28

## 10.Stability and Reactivity:

Condition to avoid	:	Product is stable under ambient conditions. Avoid extreme heat, flames, ignition sources.
Incompatible materials	:	No information available.
Hazardous decomposition products	:	None known.
Hazardous reactions	:	Hazardous polymerisation will not occur.

## 11. Toxicological information

Oral toxicity	:	Product is considered non-toxic and non-harmful.
Range of effects:		
Eye	:	Product is not classified as an irritant but may cause irritation with prolonged exposure.
Skin	:	Product is not an irritant. Wash with water.
Inhalation	:	If heated, vapour or mist may cause slight irritation.
Ingestion	:	Product considered non-toxic but seek medical advice if large quantities ingested

## 12.Ecological Information:

Ecotoxicity	:	Not available
Persistence and degradability	:	Not available
Mobility	:	Not available
Further information on ecology	:	Not available

### 13. Disposal Considerations:

Disposal methods : When possible, product should be used for its intended purpose including the rinsing of the container. Dispose of in accordance with all local and national regulations. Do not discard into waterways.  
Disposal of packaging : Recycling of cleaned container is preferable.

### 14. Transport Information:

This product is not labelled as a dangerous good and therefore does not have any special transport conditions.

UN No : Not applicable.  
Substance Identity No : Not Applicable.  
ADR/RID class : Not Applicable.  
ADR/RID item No : Not Applicable.

### 15. Regulatory information:

Not application

### 16. Other information

This MSDS contains only safety-related information. For other data see product literature.

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