

## MATERIAL SAFETY DATA SHEET

### Section 1 :Product/ Company Identification

Product Code : MAHA K CLASSIC SUPER  
Product Name : POTASH DERIVED FROM MOLASSES  
Product Application : Organic Fertilizer  
Company Address : GENIQE CHEMTECH CORPORATION

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### Section 2 : Hazards Identification

Product ingredients are non-hazardous.

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### Section 3 : Product Composition/Information On Ingredients

#### AS PER FCO 1985 PRODUCT SPECIFICATIONS

Potash Derived from Molasses

- (i) Moisture per cent by weight, maximum 4.79%
  - (ii) Total nitrogen, per cent by weight, minimum 1.66%
  - (iii) Neutral ammonium citrate soluble phosphate  
(as P<sub>2</sub>O<sub>5</sub>), per cent by weight, minimum 0.39%
  - (iv) Water soluble potash (as K<sub>2</sub>O), per cent by weight, minimum 14.70%
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### Section 4 : First- Aid Measures

In case of skin contact - Remove contaminated clothing and footwear. Wash off skin immediately With soap and plenty of water. If required seek medical attention. In case of inhalation - If inhalation occurs, move person into fresh area and keep person at rest. Give Artificial respiration if necessary. If required seek medical attention. In case of eye contact- Immediately flush eyes with clean water for at least 15 mins. If irritation Persists, seek medical attention. in case of ingestion - If person is fully conscious, immediately give large quantities of water to drink Never give anything by mouth to an unconscious person. If required seek medical attention.

## Section 5 : Fire Fighting Measures

Extinguishing media - Use water spray, alcohol-resistant foam, carbon dioxide, dry chemical. Precautions for fire-fighters - Wear full protective clothing and self-contained breathing apparatus for firefighting if necessary. Evacuate non-essential personnel from area to prevent human exposure to fire, smoke, fumes, or products of combustion. Use of contaminated buildings, area and equipment has to be avoided until decontaminated.

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## Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures  
Wear respiratory protection. Avoid breathing vapors, mist or gas. Wear chemical safety goggles, rubber gloves, rubber boots, head cap. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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## Section 7: Handling and storage

### Precautions for safe handling

Avoid contact with skin, eyes and clothing. Avoid inhalation of vapor or mist. Wear appropriate protective safety equipments such as hand gloves, rubber boots, safety goggles during product handling. Wash hands thoroughly after product usage. Follow normal hygienic and housekeeping standards for agricultural products. Conditions for safe storage including any incompatibilities Store in cool, dry well ventilated place, away from direct heat and sunlight. Do not store the product along with food or animal feed. Do not use empty product packing for storage of water or food products. Do not store the product along with chemical pesticides. Keep the product away from reach of children and animals. Recommended storage temperature : Store below 30C.

**Shelf life :** Use before expiry date mentioned on product label.

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## Section 9: Physical and Chemical Properties

Physical state -: Granulated

Colour -: Grey to black

pH(1:5solution) max -: 6.7

## Section 10: Stability and Reactivity

Stability : Stable at normal storage conditions Hazardous decomposition products: None

Hazardous polymerization: Will not occur

Incompatibility: Strong acids, alkali compounds, strong oxidizing agents.

Conditions to avoid: Heat, flames, ignition sources and incompatibles.

Decomposition: Easily biodegradable

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## Section 11: Toxicological Information

Acute toxicity:

No data available

Skin corrosion/irritation:

No data available

Germ cell mutagenicity :

No data available

Reproductive toxicity :

No data available

Aspiration hazard :

No data available

Bulk density -: < 1.6 gm/cm<sup>3</sup>

**Caution:** Prolonged contact with eyes, skin and respiratory tract may cause irritation.

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## Section 12: Ecological Information

Degradation : Completely biodegradable

Bio accumulative potential: Not anticipated to bio accumulate

**Environmental effects:**

Toxicity to bees: Non-toxic

Toxicity to fish and other aquatic organisms: Non-toxic

Toxicity to earthworms: Non-toxic

Toxicity to other non-target plants: Non-toxic

Persistence in environment: Non-toxic

### Section 13: Disposal Considerations

Do not reuse product package. Dispose the product packing materials and residues in accordance with all Applicable federal, state and local environmental regulations.

Do not use empty packing for storing water, food or animal feed.

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### Section 14: Transport Information

Transportation hazard: Product is non-hazardous for all modes of transportation.

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### Section 15: Regulatory Information

Clean air act: This formula does not contain any hazardous air pollutants.

Clean water act: None of the chemicals in this product are listed as hazardous, toxic or priority Pollutants

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### Section 16: Other Information

The information given in this safety data sheet is believed to be correct yet does not claim to be all inclusive. This document is intended only as a guide for appropriate precautionary handling of the material by properly trained individuals, information here being commensurate with the present state of our knowledge regarding the manner and conditions of use, handling, storage or disposal. The information provided herein shall not be considered as guarantee of the properties of the product. GENIQE CHEMTECH CORPORATION shall not be held liable for any damage resulting from improper handling or contact with the above product. Unless explicitly stated on the product or in any of the documentation accompanying the product, it is intended for research or testing in agriculture and is not to be used for any other purpose.

**Note : Product for Agricultural Use Only**