

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT : GRAZERS

MSDS DATE: 29 /01/ 08

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: GRAZERS

MANUFACTURER: GRAZERS LTD

DIVISION:

ADDRESS: GILL BANK, OUSBY, PENRITH, CUMBRIA. CA10 1QA

EMERGENCY PHONE: 0044 (0)1944 778081

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 0044 (0)845 8622123

PRODUCT USE: For use in Agriculture and Horticulture

PREPARED BY: GRAZERS LTD.

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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**INGREDIENT:** Calcium Chloride solution – 10% Calcium Oxide 7.2% w/w Calcium

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## SECTION 3: HAZARDS IDENTIFICATION

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Main hazard : Harmful if swallowed

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## SECTION 4: FIRST AID MEASURES

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EYES CONTACT: Rinse with plenty of water for at least 10 minutes

SKIN CONTACT: Clean with soap and water.

INGESTION: Wash out mouth with water, drink plenty of water.

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## SECTION 5: FIRE-FIGHTING MEASURES

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Extinguishing media: suitable extinguishing media for the surrounding fire should be used. Cool closed containers exposed to fire with water spray.

Exposure hazards:

Protection of firefighters: In the event of fire use self contained breathing apparatus

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal precautions: Wear suitable personal protective equipment. Turn leaking containers leak side up to prevent the escape of liquid.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water

Clean up procedures: Collect and contain spillage with non combustible absorbant material eg. earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

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## SECTION 7: HANDLING AND STORAGE

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Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. When using do not eat drink or smoke

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Storage conditions: No special storage conditions required

Keep out of reach of children

Keep away from food, drink and animal feedstuffs

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Containment &/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use.

EYE PROTECTION: Wear safety goggles

RESPIRATORY PROTECTION: No RPE is normally required

HAND PROTECTION: Wear protective gloves. PPE should be certified for appropriate standards

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Green, odourless liquid

PHYSICAL STATE:

pH AS SUPPLIED: 9.8

pH (Other):

BOILING POINT:

C:>100

MELTING POINT:

C: <-20

VAPOR DENSITY (AIR = 1): 1.327

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable under normal conditions

CONDITIONS TO AVOID (STABILITY): Heat

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents. Strong acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: In combustion emits toxic fumes

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Routes of exposure: Refer to sect. 4 of SDS for routes of exposure and corresponding symptoms

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## SECTION 12: ECOLOGICAL INFORMATION

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Mobility: Soluble in water

Persistence and degradability: Low to nil toxicity to fish, animals and plants

Bioaccumulative potential: The product is designed to accumulate elements in plants to the benefit of their nutrition. There is no adverse bioaccumulation potential in mammals where the product has been used as recommended.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**NB The users attention is drawn to the possible existence of regional or national regulations regarding disposal.**

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## **SECTION 14: TRANSPORT INFORMATION**

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**Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS**

## **SECTION 15: REGULATORY INFORMATION**

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**Labelling in accordance with EC Directives hazard warning not compusory**

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## **SECTION 16: OTHER INFORMATION**

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**DISCLAIMER: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from the handling or from contact with the above product.**