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| SAFETY DATA SHEET |  |
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Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation") and REGULATION (EC) No 1272/2008 (CLP)

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: MULTICOTE, OR MULTIGREEN OR MULTIGRO controlled release fertilizers
Trade Name: MULTICOTE, OR MULTIGREEN OR MULTIGRO fertilizers formulae
Product type: Solid

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

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification

European Importer: Haifa Chemicals Northern Europe
 Generaal de Wittelaan 17, bus 16,
 B-2800 Mechelen, Belgium
 Tel: +32-15-270811
 E-mail: NorthWestEurope@haifa-group.com

Other Countries Importer

Supplier/Manufacturer:

| | |
|-----------------------|--------------------------|
| Haifa Chemicals Ltd. | Haifa Chemicals Ltd. |
| P.O.Box 15011, Matam- | P.O.Box 10809, Haifa Bay |
| Haifa, 31905, Israel | 26120, Israel |
| Tel: 972-74-7373737 | Tel: 972-4-8469616 |
| Fax: 972-74-7373733 | Fax: 972-4-8469653 |

E-mail address of person responsible for this SDS: info@haifachem.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): +972-4-8469616
 CHEMTREC (U.S.): 1-800-424-9300

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance to Regulation(EC) No. 1272/2008 (CLP/GHS)

| Product name | GHS Classification |
|---|--------------------|
| MULTICOTE, OR MULTIGREEN OR MULTIGRO controlled release fertilizers | Not classified |

Classification according to Directive 67/548/EEC (DSD) or 1999/45/EC

| Product name | EU Classification |
|--------------|-------------------|
| | |

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|---|----------------|
| MULTICOTE, OR MULTIGREEN OR MULTIGRO controlled release fertilizers | Not classified |
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2.2 Label elements

Labeling in accordance with Regulation 1272/2008 (CLP)

Hazard pictograms: Not required

Signal word: Not classified

Hazard statements: Not required

Precautionary Statements:

P233: Keep container tightly closed.

P402: Store in a dry place.

P235: Keep cool.

Labeling in accordance with 1999/45 (DPD)

Hazard symbol(s): Not classified

Risk phrase(s): Not required

Safety phrase(s):

S03/07: Keep container tightly closed in a cool place.

S08: Keep container dry.

2.3 Other hazard

None

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation:

| Product/ Ingredient name | Identifiers | % | EU Classification | GHS Classification |
|-----------------------------|--|-------|-------------------|-----------------------|
| Potassium nitrate | CAS number: 7757-79-1 EC number: 231-818-8 REACH Registration number: 01-2119488224-35 | 0-100 | O; R8 | Oxid. Solid 3 H272 |
| Urea | CAS number: 57-13-6 EC number: 200-315-5 REACH Registration number: 01-2119463277-33 | 0-83 | Not classified | Not classified |
| Monoammonium phosphate | CAS number: 7722-76-1 EC number: 231-764-5 REACH Registration number: 01-2119488166-29 | 0-57 | Not classified | Not classified |
| Magnesium sulfate anhydrous | CAS number: 7487-88-9 EC number: 231-298-2 REACH Registration number: 01-2119486789-11 | 0-15 | Not classified | Not classified |

There are no additional ingredients present which, within the current knowledge of the

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supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.
See section 16 for the full text of the H-statements and R-phrases declared above.

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

- Eyes contact:** In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
- Skin contact:** Avoid prolonged or repeated contact with skin. After handling, always wash hands thoroughly with soap and water. Get medical attention if irritation develops.
- Inhalation:** Remove from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.
- Ingestion:** If large quantities of this material are swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific antidote, medical staff contacts Poisons Information Center. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable: Use an extinguishing agent suitable for surrounding fire.

Not suitable: N/A

5.2 Special hazards arising from the substance or mixture

Hazardous thermal decomposition products: Under fire - oxides of nitrogen, phosphorous, potassium, toxic and irritating fumes.

Not considered an oxidizer because of the prilled/coated form of the salt.

5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

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Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ventilate area of spill. Avoid dust formation. Avoid breathing dust. Keep unnecessary personnel away.

6.2 Environmental precautions

Do not let this chemical enter the environment. Keep away from drains, surface and ground water.

6.3 Methods and materials for containment and cleaning up

Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Avoid creating dusty conditions and prevent wind dispersal.

Personal Protection in Case of Large Spill: Safety glasses. Full suit. Suitable respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

6.4 Reference to other sections

See Section 1 for emergency contact information.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling: Avoid creating dusty conditions and prevent wind dispersal. Do not breathe dust. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep away from heat and sources of ignition.

Hygiene Measures: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store together with reducing materials, metals, acids, alkalis and organic materials. Protect from elevated temperatures and possible sources of ignition (spark or flame). Use original container.

7.3 Specific end use(s): N/A

Section 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

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Occupational exposure limit values: N/A

8.2 Exposure controls

Engineering Measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: A respirator is not needed under normal and intended conditions of product use. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Eye/face protection: Not required under normal conditions of uses. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to dusts.

Skin protection: No special protective clothing is required.

Hand protection: Not required under normal conditions of uses. Gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Brown and/or white granular solid

Odour: Odorless

Odour threshold: Odorless

pH: Not applicable because of low solubility in water

Melting point/Freezing point: Decomposition temperature: >200°C (392°F)

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative Density: N/A

Solubility(ies): Dissolve very slowly, polymer coating is insoluble

Partition coefficient Octanol/Water: Not applicable because of low solubility in water

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

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Oxidizing properties: N/A

9.2 Other information

Bulk density: 0.7 to 1.1(Water = 1)

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity

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

10.2 Chemical stability

The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Elevated temperatures. Sources of ignition (spark or flame).

10.5 Incompatible materials

Reducing materials, metals, acids, alkalis and organic materials.

10.6 Hazardous Decomposition products

When strongly heated it melts and decomposes releasing toxic fumes. In contact with alkaline materials it may release ammonia gas.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

| Product/ingredient name | Test | Species | Dose |
|--------------------------------|-------------|----------------|-------------|
| Potassium nitrate | LD50, oral | Rat | 3750 mg/kg |
| Urea | LD50, oral | Rat | 8471 mg/kg |

Irritation: N/A

Corrosivity: N/A

Sensitization: N/A

Repeated dose toxicity: N/A

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Carcinogenicity: N/A

Mutagenicity: N/A

Toxicity for reproduction: N/A

Potential health effects:

May cause eye irritation.

Section 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

| Substance name | Species | Toxicity |
|-----------------------------|--------------------------------------|---|
| Potassium nitrate | Poecilia reticulata | LC50/96h, 180 mg/l |
| Urea | Daphnia magna Poecilia reticulata | EC50/48h, 3910 mg/l LC50/96h, 17500 mg/l |
| Magnesium sulfate anhydrous | Daphnia magna Pimephales promelas | EC50/48h, 343.56 mg/l LC50/96, 2820 mg/l |

12.2 Persistence and Degradability

Not applicable

12.3 Bioaccumulative potential

N/A

12.4 Mobility in soil

N/A

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

This material is not expected to be harmful to aquatic organisms.

Section 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: TRANSPORT INFORMATION**14.1 Un number:**

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ADR/RID: -

IMDG: -

IATA: -

14.2 Proper shipping name:

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazard

Marine Pollutant: N/A

14.6 Special precautions for user

Not available

14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code

Not available

Section 15: REGULATORY INFORMATION

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

EU Directives 67/548/EEC and 1999/45/EC (including amendments)

EU Regulation(EC) No.1907/2006 (REACH), No 1272/2008 (CLP)

15.2 Chemical safety assessment

Not available

Section 16: OTHER INFORMATION

Full text of R-phrases referred to in section 3:

R08: Contact with combustible material may cause fire.

Full text of Hazards Statements referred to in section 3:

H272: May intensify fire; oxidiser.

Safety phrase(s):

S03/07: Keep container tightly closed in a cool place.

S08: Keep container dry.

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Precautionary Statements:

P233: Keep container tightly closed.

P402: Store in a dry place.

P235: Keep cool.

Training advice: Before using/handling the product one must read carefully present MSDS.

Recommended restriction: N/A

Key Legend Information:

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology program

IARC- International Agency for Research on Cancer

ND- Not Determined

N/A- Not available

R-phrases- Risk phrases

S-phrases- Safety phrases

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The information herein is based on the present state of our knowledge. It is believed to be correct but is not necessarily all inclusive and shall be used only as a guide. Haifa Chemicals Ltd. and Haz-Mat Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product. For further information, contact Haifa Chemicals Ltd. or contact Haz-Mat at hazmat@hazmat.co.il.