

Date of Preparation: 04/04/2012

UFUK TARIM SAN. ve TİC. LTD. ŞTİ.
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MATERIAL SAFETY DATA SHEET

Agronom Maxor-D

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

Product Name: Agronom Maxor-D
Registration Number in Turkey: 1355
Registration Number in Egypt: 7673
Relevant Identified Uses: EC Fertilizer
Manufacturer: Ufuk Tarım Sanayi ve Ticaret LTD. ŞTİ.
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2. HAZARDS IDENTIFICATION



Hazard Pictograms: GHS07

Signal Word: Caution

Classification in accordance to the directives 67/548/EEC and 1999/45/EC, and regulation (EC) no 1907/2006

Health Hazards:

Acute toxicity (dermal), Hazard Category 4

Acute toxicity (oral), Hazard Category 4

Skin corrosion/irritation, Hazard Category 2

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

Environmental hazards:

Hazardous to the aquatic environment – Chronic Hazard, Category 4

H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P236: Keep only in original container.

P235 + P410: Keep cool. Protect from sunlight.

P236: Keep cool.

P250: Do not subject to grinding, shock and friction.

P262: Do not get in eyes, on skin, or on clothing.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P314 + P330: IF SWALLOWED: Get medical advice/attention if you feel unwell. Rinse mouth.

P302 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.

P304 + P330 IF INHALED: Rinse mouth.

P305+P351+P338+P337+P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

P370 + P380: In case of fire: Evacuate area.

P402 + P404: Store in a dry place. Store in a closed container.

P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Other Hazards: Avoid storing more than 5 packages one on the top of the other. Keep away from food, children and animals.



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Content
Total Nitrogen (N)	7727-37-9	231-783-9	4
Phosphorus Pentoxide (P ₂ O ₅)	1314-56-3	215-236-1	4
Potassium Oxide (K ₂ O)	12136-45-7	235-227-6	4
EDTA chelated Copper (Cu)	14025-15-1	237-864-5	0.04
EDTA chelated Iron (Fe)	15275-07-7	241-171-3	0.10
EDTA chelated Manganese (Mn)	15375-84-5	239-407-5	0.10
EDTA chelated Zinc (Zn)	14025-21-9	-	0.10

4. FIRST AID MEASURES

Inhalation: Rinse mouth with water. Get medical attention if you do not feel well.

Skin Contact: Wash with water and soap. If irritation occurs, get medical attention.

Eye Contact: Contact can cause redness. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth with water. Get medical attention if you do not feel well.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Suitable Extinguishing Media: Standard means can be used as foam, water spray or fog. Sand or earth may be used for small fires only.

Advice For Fire Fighters: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid contact with spilled or released material. Immediately remove all contaminated clothing. For guidance on selection of personal protective equipment see section 2.

Environmental precautions: Shut off leaks, if possible without personal risks. Remove all possible sources of ignition in the surrounding area.

Methods and material for containment and cleaning up: No special method or material.

7. HANDLING AND STORAGE

Reference to other sections: See section 1 for emergency contact

See section 8 for personal protective equipment.

See section 13 for disposal information.

Protective measures: As with all chemicals, avoid contact with skin, eyes and clothing. Do not eat, drink, smoke, or apply cosmetics while handling this product. Wear protective gloves/protective clothing/eye protection/face protection when applying. Wash thoroughly after application. Avoid breathing dusts generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.



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Measures to prevent fire: Nonflammable.

Advice on storage: All employees who handle this material should be trained to handle it safely. Avoid contact with eyes, skin, and clothing. Store in cool (0/+30 °C), dry, ventilated area with acid resistant floors and good drainage. Protect from physical damage. Avoid storing more than 5 packages one on the top of the other. Keep out of direct sunlight and away from heat, water, and incompatible materials. Do not wash out container and use it for other purposes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes and Face Protection: During application usage of mono-goggles and chemical splash goggles are recommended.

Skin Protection: Use protective equipment such as chemically resistant gloves and overalls when handling this product.

Thermal Hazards: Do not mix the product to drinking water.

Environmental Exposure Controls: Keep it away from aquatic environment and animals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark Brown

Odor: Odorless

pH: 5.0 (± 0.5)

Melting Point / Freezing Point: Non applicable.

Flash Point: Nonflammable.

Evaporation Rate: Non applicable.

Flammability (solid, gas): Nonflammable.

Upper/lower flammability or explosive limits: Nonflammable and Non-explosive.

Vapor pressure: Non applicable.

Vapor density: Non applicable.

Relative density: Non applicable

Solubility: 100% water-soluble.

Partition coefficient: n-octanol/water: Not specified.

Auto-ignition temperature: Nonflammable.

Decomposition temperature: Above 100 °C

Viscosity: Liquid

Explosive properties: Non-explosive.

Oxidizing properties: Non-oxidizing.

10. STABILITY AND REACTIVITY

Reactivity: Nonreactive.

Chemical stability: Highly stable.

Possibility of hazardous reactions: Non-applicable.

Conditions to avoid: Follow the directions in Section 2 and 7.

Incompatible Materials: Strong acids and alkaline.

