

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)

PRODUCT NAME: MEGAHİX

REVISION DATE: 27.11.2019

VERSION: 01

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product Name MEGAHİX

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

Product Description: Liquid Fertilizer

### 1.3. Details of the supplier of the safety data sheet

Company: HEKTAŞ TİC. T.A.Ş

Address: G.O.S.B. İhsan Dede Cad. 700. Sok. 41480 Gebze / KOCAELİ

Telephone: +90 262 751 14 12

E-mail: sds@hektas.com.tr

### 1.4. Emergency telephone number

Telephone: +90 262 751 14 12

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

Not classified as hazardous material.

### 2.2 Label elements

EUH 401 To avoid risks to human health and environment, comply with the instructions for use

P102 Keep out of reach of children.

P405 Store locked up.

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

P501 Dispose of contents/container to in accordance with local regulation

### 2.3. Other hazards: No information available.

For the classifications not written out in full in this section the full text can be found in section 16.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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## 3.1. Substances

## 3.2 Mixtures

Hazardous Component	% by Weight	CAS Number	Classification
Mepiquat chloride	5	24307-26-4	Acute Tox. 4, H302 Aquatic Chronic 3, H412

For the classifications not written out in full in this section the full text can be found in section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Eye contact

Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. Call a poison control center or doctor for treatment advice if effects persist.

#### Skin contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison Control center or doctor for treatment advice if effects persist.

#### Ingestion

May cause burn, drink lot of amount water. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### Inhalation

Move to fresh air. Keep patient warm and at rest. If effects occur, consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Risks: No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media: Water Spray, Carbon dioxide (CO<sub>2</sub>), Foam

### 5.2 Special hazards arising from the substance or mixture

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During a fire this product may release smoke and hazardous decomposition products (HCl and oxides of carbon and nitrogen)

## 5.3 Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire and/or explosion do not breathe fumes.

Wear positive-pressure, self-contained breathing apparatus and full protective clothing.

Further information

Contain the spread of the fire-fighting media.

Do not allow run-off from fire-fighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled product or contaminated surfaces.

Use personal protective equipment.

### 6.2. Environmental precautions

Do not allow to get into surface water, drains and ground water.

### 6.3. Methods and material for containment and cleaning up

Remove ignition sources. Soak up with inert absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Keep in suitable, closed containers for disposal.

### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid skin and eye contact. Wash hands before eating, drinking, chewing gum, using tobacco. Avoid breathing vapors or mist. Avoid contact with clothing. Wash clothing after use. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeds. Keep away from heat, sparks and flames.

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**7.3. Specific end use(s):** No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

### 8.2. Exposure controls

#### Personal protective equipment

Respiratory Protection: Wear respirator. Use with adequate ventilation

Hand Protection: Wear impermeable gloves to avoid skin contact. Wash hands always before eating, drinking, smoking or using the toilet.

Eye protection: Wear safety glasses to avoid eye contact

Skin and body protection: Wear standard coverall

Hygiene measures:

Avoid contact with skin, eyes and clothing. Keep working clothes separately.

Wash hands before breaks and at the end of workday.

Remove soiled and/or soaked clothing immediately and clean thoroughly before using again.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Form: clear liquid

Colour: pink

pH (%10): 6-8

Flash Point: not applicable

Vapour Pressure: No information available.

Oxidizing Property: Not applicable

Solubility

In water: Soluble

In Oil: Soluble (spindle oil)

Relative density: 1.000 g/cm<sup>3</sup>

Dispersing factor (n-octanol/water): No information available.

Viscosity: Fluid

Vapouring rate: Not applicable.

**9.2. Other information:** No information available.

## 10. STABILITY AND REACTIVITY

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- 10.1. **Reactivity:** Stable under recommended storage conditions
- 10.2. **Chemical stability:** Stable under recommended storage conditions
- 10.3. **Possibility of hazardous reactions:** Stable under recommended storage conditions
- 10.4. **Conditions to avoid:** Stable under recommended storage conditions, do not freeze.
- 10.5. **Incompatible materials:** Not known.
- 10.6. **Hazardous decomposition products:** During a fire HCl and NO<sub>x</sub> release.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Active ingredient data: Mepiquat Chloride

Acute Oral Toxicity (rat) LD<sub>50</sub>: 464 mg/kg

Acute Dermal Toxicity (rat) LD<sub>50</sub> > 2000 mg / kg

Acute Inhalation Toxicity (rat) LC<sub>50</sub> > 3.2 mg /L air/ h

Non-irritating to eyes and skin (rabbits).

Not dermal sensitiser (guinea pigs)

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Active ingredient data: Mepiquat Chloride

Bobwhite quail LD<sub>50</sub>: >2000 mg/kg

Trout LC<sub>50</sub> : > 4300 mg/ L/ 96 h

Daphnia LC<sub>50</sub> (48 h): 68.5 mg/ l

12.2. **Persistence and degradability:** Koc=67–468 (mepiquat chloride)

12.3. **Bioaccumulative potential:** Kow LogP: -2.82 (pH: 7) (mepiquat chloride)

12.4. **Mobility in soil:** DT<sub>50</sub> 10–97 days (mepiquat chloride)

12.5. **Results of PBT and vPvB assessment:** No information available.

12.6. **Other adverse effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

In accordance with federal, provincial and local regulations.

## 14. TRANSPORT INFORMATION

UN No: Not classified as hazardous material

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Description of the goods: Not classified as hazardous material  
Class: Not classified as hazardous material  
Packaging group: Not classified as hazardous material

## 15. REGULATORY INFORMATION

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

Regulation (EC) No. 1907/2006

## 16. OTHER INFORMATION

EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

The information and recommendations contained herein are provided in good faith and are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with the respect to the information herein.

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