

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAZONE SÜPER
REVISION DATE: 06.04.2021
VERSION: 00
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: Hektazone Süper

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

Product Description: Insecticide

1.3. Details of the supplier of the safety data sheet

Company: HEKTAŞ TİC. T.A.Ş

Address: Gebze OSB Mah. 700. Sok. No:711/1 41400 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]

Eye Damage (Category 1), H318
Skin Sensitizer (Category 1), H317
Skin Irritation (Category 2), H315
Acute toxicity (Category 4), H302
Chronic aquatic toxicity (Category 3), H412

2.2 Label elements



Danger

Hazard Statements:

H302: Harmful if swallowed

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H315: Causes skin irritation

H318: Causes serious eye damage

H317: May cause an allergic skin reaction

H412: Harmful to aquatic life with long-lasting effects

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

Precautionary statements:

P273: Avoid release to the environment.

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

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P302+352: IF ON SKIN: Wash with plenty of water.

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

3.1. Substances

3.2 Mixtures

Hazardous Component	% by Weight	CAS Number	Classification
Bentazone	21.5-22.0	25057-89-0	Acute Tox. 4, H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
MCPA	10.5-11.5	94-74-6	Acute Tox. 4, H302 Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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4. FIRST AID MEASURES

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4.1 Description of first aid measures

General advice

Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Inhalation

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

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.

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.

Ingestion

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.

Symptoms of intoxication: Although symptoms of poisoning are not observed in humans, if suspected, the doctor should be consulted with the package of the drug.

NOTE: There is no special antidote. Treatment is applied according to the symptoms.

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

Treatment: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: Carbon dioxide (CO₂), Foam, Dry chemical, Water spray

5.2 Special hazards arising from the substance or mixture

Combustion may produce toxic gases, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for fire-fighters

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

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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.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.2. Exposure controls

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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

- ❖ Appearance : light brown-claret red liquid
- ❖ Smell : characteristic fragrant
- ❖ pH(%10): 8.0 – 10.0
- ❖ Explosive property: No information available.
- ❖ Flash Point: Not flammable.
- ❖ Boiling point: No information available.
- ❖ Flammability temperature : No information available.
- ❖ Oxidation properties : No information available.
- ❖ Distribution coefficient (n-octanol/water): Kow log P= 0.77 (pH 5)(bentazone), 2.75 (pH 1) (MCPA)
- ❖ Vapor pressure: 0.17 mPa (20°C) (Bentazone), 2.3×10^{-2} mPa (20°C) (MCPA)
- ❖ Density : 1.100–1.200 g/cm³ (20°C)
- ❖ Water Solubility: Miscible
- ❖ In oil : No information available.
- ❖ Fluidity (Viscosity) : Fluid
- ❖ Vapor density : No information available.
- ❖ Evaporation rate : No information available.

9.2. Other information: No information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: Stable under recommended storage conditions

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10.3. Possibility of hazardous reactions: No hazardous reactions when stored and handled according to prescribed instructions.

10.4. Conditions to avoid: Stable under recommended storage conditions

10.5. Incompatible materials: No information available. Stable under recommended storage conditions

10.6. Hazardous decomposition products: Toxic gases, carbon monoxides, carbon dioxides.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Active ingredients data:

Bentazone

LD₅₀ oral rat: > 1000 mg/kg

LD₅₀ dermal rat: > 2500 mg/kg

LC₅₀ inhalation rat: > 5.01 mg/l/4 h

Moderately irritating to eyes and skin (rabbits).

MCPA

LD₅₀ oral rat: 700 mg/kg

LD₅₀ dermal rat > 4000 mg/kg

LC₅₀ inhalation rat > 6.36 mg/l/4 h

Irritating to eyes.

Not irritating to skin.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Active ingredients data:

Bentazone

Bobwhite quail LD₅₀: 1140 mg/kg

Rainbow Trout and Mallard Duck LC₅₀ (96 h) >100 mg/l

Daphnia LC₅₀ (48 h): 125 mg/l

Bee LD₅₀: >100 µg/bee

MCPA

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Bobwhite Quail oral LC₅₀: 377 mg/kg
Rainbow Trout LC₅₀ (96h): 50–560 mg/l
Daphnia LC₅₀ (48 h): > 190 mg/l
Bee LD₅₀: 0.104 mg/bee

12.2. Persistence and degradability: No information available.

12.3. Bioaccumulative potential: Kow log P= 0.77 (pH 5)(bentazone)

12.4. Mobility in soil: No information available.

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

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

H302: Harmful if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long-lasting effects

H412: Harmful to aquatic life with long-lasting effects

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

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