

SAFETY DATA SHEET

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



PRODUCT NAME :HEKVİDOR 600 FS
REVISION DATE :13.12.2016
VERSION: : 05

Sayfa 1 /7

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

1.1. Product identifier

Product Name HEKVİDOR 600 FS

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: 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]

Acute Tox. (Category 4) , H302

Aquatic Chronic (Category 1), H410

Bu bölümde adı geçen H ibarelerinin tam metni için 16.Bölüme bakınız.

2.2 Label elements



Warning

Hazard statements:

H302 : Harmful if swallowed.

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

SAFETY DATA SHEET

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PRODUCT NAME :HEKVİDOR 600 FS
REVISION DATE :13.12.2016
VERSION: : 05



Sayfa 2 /7

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.

P301+ P312: IF SWALLOWED : Immediately call a POISON CENTER or doctor/ physician

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

2.3. Other hazards: No information available.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substances

3.2. Mixtures

Hazardous Component	Cons %w/w	Cas Number	Classification
Imidacloprid	48-52	138261-41-3	Acute tox.4* H302 Aquatic acute 1 H400 Aquatic chron.1 H410
Fillers	48-52	-	-

For the classification 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

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.

SAFETY DATA SHEET

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

PRODUCT NAME :HEKVİDOR 600 FS
REVISION DATE :13.12.2016
VERSION: : 05



Sayfa 3 /7

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 poisoning

Insensitivity, contraction, tremor, difficulty breathing, cramp

Note: No known antidote. Symptomatic treatment is applied.

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

5.2 Special hazards arising from the substance or mixture

In a fire, formation of hydrogen chloride, carbon monoxides, carbon dioxides and nitrogen oxides can be expected

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

SAFETY DATA SHEET

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



Sayfa 4 /7

PRODUCT NAME :HEKVİDOR 600 FS
REVISION DATE :13.12.2016
VERSION: : 05

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

Clean the dish area. Put the waste solution into the waste container.

6.4. Reference to other sections

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

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling:

Avoid exposure to dust and vapors by wearing appropriate personal protective equipment.
Avoid skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.
Advice on common storage: Keep away from food, drink and animal feeding stuffs.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.2. Exposure controls

8.2.1. Personal protective equipment

Respiratory Protection: Wear respirator

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

Eye protection: Use chemical goggles.

Skin and body protection: protective clothing as necessary to prevent skin contact.

Hygiene measures:

SAFETY DATA SHEET

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



Sayfa 5 /7

PRODUCT NAME :HEKVİDOR 600 FS
REVISION DATE :13.12.2016
VERSION: : 05

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 : red colored viscous liquid
- ❖ Smell : characteristic fragrant
- ❖ Density: 1,200 –1,350 g/cm³ at (20 °C)
- ❖ pH(%10): 7-9
- ❖ Explosive property : No
- ❖ Flash Point: No
- ❖ Boiling point : Unknown
- ❖ Flammability temperature : No
- ❖ Oxidation properties : No
- ❖ Distribution coefficient (n-octanol/water): logP = 0.57 (21 °C)(imidacloprid)
- ❖ Vapor pressure : 4 .10⁻⁷ mPa (20 °C)(imidacloprid)
- ❖ Water in: water dispersed in
- ❖ In oil : Unknown
- ❖ Fluidity (Viscosity) : 1000-3000 cps(DV-II+PRO, RPM 10, Spindle 2, 20°C)
- ❖ Vapor density : Not apply
- ❖ Evaporation rate : Not apply

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.

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.

10.6. Hazardous decomposition products: In a fire, formation of hydrogen chloride, carbon dioxides, carbon oxides and nitrogen oxides can be expected

SAFETY DATA SHEET

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Sayfa 6 /7

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Active ingredient data: Imidacloprid

Acute Oral LD₅₀ (rat) : 450 mg/kg
Acute percutaneous LD₅₀ (rat) > 5000 mg/kg
Inhalation LC₅₀ rats: 69 mg/m³ air (aerosol)/4h

Skin Irritation: No irritant (rabbit)
Eye Irritation No irritant (rabbit)
Sensitization: No sensitivity (guinea pig)

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Toxic to bees. Toxic to fish. Do not contaminate the waters.

Active ingredient data: Imidacloprid

Japanese Quail oral LD₅₀: 31 mg/kg
Rainbow Trout LC₅₀ (96 h): 211 mg/l
Daphnia LC₅₀ (48 h): 85 mg/l

12.2. Persistence and degradability: Unknown

12.3. Bioaccumulative potential: logP = 0,57 (21 °C)(imidacloprid)

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

14.1. UN-No 3082

SAFETY DATA SHEET

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PRODUCT NAME :HEKVİDOR 600 FS
REVISION DATE :13.12.2016
VERSION: : 05

Sayfa 7 /7

14.2. Description of the goods **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S**
(Imidacloprid)

14.3.Class **9**

14.4.Packaging group **III**

14.5. Environmental damages : Imidacloprid

14.6. Precautions For User

14.7. According to Annex II of MARPOL 73/78 and the IBC Code, public transportation

14.8.Tunnel Code : (E)

14.9. IMDG EmS: F-A, S-F

15. REGULATORY INFORMATION

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

This Safety Data Sheet is prepared in accordance with the Regulation on Safety Data Sheets for Hazardous Substances and Mixtures. This product is classified in accordance with the Regulation on the Classification, Labeling and Packaging of Substances and Mixtures (OG: 11.12.2013, 28848).

16. OTHER INFORMATION

2. and 3. Full text of H notification under section

H302 : Harmful if swallowed.

H400: Very toxic to aquatic life

H410: Very toxic 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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