

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAŞ GREDİ

REVISION DATE: 02.02.2021

VERSION: 01

Page 1 / 7



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

1.1. Product identifier

Product Name HEKTAŞ GREDİ

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]

Acute toxicity (Category 4), H302

2.2 Label elements



Warning

Hazard Statements:

H302: Harmful if swallowed

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

Precautionary statements:

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAŞ GREDİ

REVISION DATE: 02.02.2021

VERSION: 01

Page 2 / 7



P264: Wash water and soap thoroughly after handling.

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

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330: Rinse mouth.

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
Flonicamid	50-55	158062-67-0	Acute Tox. 4, H302
Filler	>45	-	-

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

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

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAŞ GREDİ

REVISION DATE: 02.02.2021

VERSION: 01

Page 3 / 7



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.

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

5.2 Special hazards arising from the substance or mixture

Combustion may produce toxic compounds of carbon monoxide, carbondioxide

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.

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAŞ GREDİ

REVISION DATE: 02.02.2021

VERSION: 01

Page 4 / 7



6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
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

Advice on safe handling:

Use only in area provided with appropriate exhaust ventilation. 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 feedingstuffs.

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

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: 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

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAŞ GREDİ

REVISION DATE: 02.02.2021

VERSION: 01

Page 5 / 7



Appearance: Cream colored granules

Smell: Characteristic odor

pH(%10): 3.0-6.0

Flash Point: No

Partition coefficient (n-octanol / water): logP: 0,30 (Flonicamid)

Vapour Pressure: $9,43 \times 10^{-4}$ mPa (20°C) (Flonicamid)

In oil: Insoluble (spindle-oil)

Viscosity: -

Vapor Density: Not applicable.

Evaporation Rate: Not applicable.

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: Oxidizing agents

10.6. Hazardous decomposition products: Carbon oxides and nitrogen oxides

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Flonicamid

Acute Oral Toxicity LD₅₀: 1768 mg/kg (rat)

Acute Dermal Toxicity LD₅₀: >5000 mg / kg. (rat)

LC50 inhalation rat: >4.9 mg/l

Non-irritating to skin (rabbits).

Non-irritating to eye (rabbits).

Not dermal sensitiser (guinea pigs)

12. ECOLOGICAL INFORMATION

12.1. Toxicity

SAFETY DATA SHEET

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

PRODUCT NAME: HEKTAŞ GREDİ

REVISION DATE: 02.02.2021

VERSION: 01

Page 6 / 7



Flonicamid

Rainbow trout: 96 h LC50: >100 mg/l

Bee LD50: >60,5 µg/bee

Daphnia: 48 h EC50: >100 mg/l

12.2. Persistence and degradability: DT50 (4 soil) : 0,7-1,8 d (Flonicamid)

12.3. Bioaccumulative potential: logP: 0,30 (Flonicamid)

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 **3077**

Class **9**

Packaging group **III**

Description of the goods **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Flonicamid)**

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

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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PRODUCT NAME: HEKTAŞ GREDİ
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Page 7 /7



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