

MATERIAL SAFETY DATA SHEET
(according to Reg. (EC) 1907/2006)

1. PRODUCT IDENTIFICATION AND THE COMPANY

1.1. Product identifier

Product name: **LOBETEC**
Product code: FRCS000H091
(FRCS050H088G, FRCS100H088)
Registry number:

1.2. Permitted uses

It is used appropriately disposed in the field to control tomato European grapevine moth *Lobesia botrana* by mating disruption in vineyards.

Supplier data

Company name: **SEDQ**
SOCIEDAD ESPAÑOLA DE DESARROLLOS QUÍMICOS, S. L.
Address: Diagonal 352 entlo., 08013 Barcelona, España
Telephone number: +34 93 458 40 00

1.3. Emergency telephone

2. HAZARDS IDENTIFICATION

2.1. Product Classification

Classification according to Regulation (EC) No 1272/2008
H412

2.2. Label elements

Labeling compulsory.

Hazardous components which must be listed on the label: CAS 163041-94-9

Classification and labelling according to Regulation (CE) n° 1272/2008

Pictogram:

Signal word:

Hazard statements:
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

3.2. Mixtures

Description: Closed recipient of permeable polyethylene. It emits vapours of sex pheromone of *Lobesia botrana*.

Chemical

Component	N. CAS	Content
Sex pheromone of <i>Lobesia botrana</i> (1)		Max. 255 mg/dispenser
Stabilizers Located in a polyethylene vial		Max. 8 mg/dispenser
(1) (E,Z)-7,9-dodecadienyl acetate	55774-32-8 or 54364-62-4	100%

4. FIRST-AID MEASURES

4.1. Description of first-aid measures

General information:	In normal conditions of use one may not wait for risks for the health.
Skin contact:	Remove the contaminated clothes and wash the affected skin with water and soap and rinse with a lot of water.
Eye contact:	Wash the eyes immediately with a lot of water for 15 minutes at least, maintaining the eyes opened.
Ingestion:	Do not induce vomiting. Rinse your mouth with water. Keep calm. Get medical advice.
Inhalation:	In the event of fire, take the victim in the open air. If a fast recovery is not produced, look for medical attention.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable:	CO ₂ , foam, water spray.
NOT to be used:	-

5.2. Special hazards arising from the substance or mixture

Combustion products:	In complete combustion, carbon dioxide and water are formed. In case of incomplete combustion may form carbon monoxide, soot, aldehydes, ketones, hydrocarbons and volatile fatty acids
Special hazards:	Toxic and irritating fumes may be released.

5.3. Advice for fire-fighters

Protection against fire: Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions

Avoid contact with the spilled products or contaminated surfaces.

6.2. Environmental precautions

No special hazards to the environment.

Do not eat, drink or smoke while cleaning the spill.

Avoid sending the product to the sewerage.

6.3. Methods and material for containment and cleaning up

Collect the product with shovel and introduce it in adequate containers for its management as waste.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Manage in accordance with best practices of industrial safety and hygiene.

Wash your hands well with soap and water after handling and before eating, drinking, smoking, going to the bathroom or applying cosmetics.

7.2. Conditions for safe storage

Hold the product in the original packaging without opening in a fresh place, refrigerator or freezer preferably.

Keep separate from food, drink and feed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

8.2.1. Appropriate engineering controls

8.2.2. Personal protection equipment

Eye protection:	Safety goggles.
Hand protection:	Chemical resistant gloves. PVC or nitrile rubber.
Respiratory protection:	Not required.
Hygiene:	While it is used, it is forbidden to eat, drink or smoke. Remove clothes immediately spotted. Wash contaminated clothing before reuse. Wash thoroughly after handling.

Work only in places with good ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state at 20° C:	Solid
Colour:	It does not proceed
Odour:	Characteristic
Odour threshold:	
pH	It does not proceed
Melting point / freezing point:	not available
Boling point:	It does not proceed
Flash point:	It does not proceed
Vapour pressure:	It does not proceed
Density:	It does not proceed
Relative density:	It does not proceed
Solubility (ies):	It does not proceed
Solubility in water:	insoluble
Partition coefficient n-octanol/water:	It does not proceed
Surface tension:	It does not proceed
Decomposition temperature:	decomposes above 300°C
Viscosity:	It does not proceed
Explosive properties:	It does not proceed
Oxidising properties:	It does not proceed

10. STABILITY AND REACTIVITY

10.1. Reactivity

At T > 300 ° C thermal decomposition

10.2. Stability

Stable under normal conditions. It emits vapours of pheromone. Resistant to water and dilute acids and bases. Absorbs chlorinated hydrocarbons and their derivatives

10.3. Possibility of hazardous reactions

Storing and handling the product adequately dangerous reactions do not occur.

10.4. Conditions to avoid

Avoid extreme temperatures and direct sunlight.

10.5. Incompatible materials

Oxidizing agents, particularly at high temperatures.

10.6. Hazardous decomposition products

At temperatures above 300 ° C decomposes in toxic and irritating fumes:

- CO₂ and water, in complete combustion.
- CO, soot, aldehydes, ketones, hydrocarbons and volatile fatty acids in case of incomplete combustion

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- Acute toxicity:
 - Dermal: Considered harmless dermally in the Terms of Use.
 - Irritation: In case of fire can burn the product can produce toxic fumes and irritating to eyes, nose, throat and respiratory tract.
- Carcinogenicity:

Not classifiable as to carcinogenicity in humans.
- Reproductive toxicity:

No toxic effects are known to reproduction.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

There are no data on toxicological effects to the environment.

12.2. Persistence and degradability

Not biodegradable. Highly persistent.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

13. DISPOSAL CONSIDERATION

13.1. Waste treatment methods

Product disposal:	Deliver the used or expired diffusers to a manager of waste for their adequate treatment.
Packaging disposal:	Deliver the empty packaging to a manager of waste for their adequate treatment.

14. TRANSPORT INFORMATION

ADR/RID:	Not regulated
IATA:	Not regulated
IMDG:	Not regulated

15. REGULATORY INFORMATION

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

15.2. Chemical Safety Assessment

For this product has not been carried out a chemical safety assessment.

16. OTHER INFORMATION

Indication of changes: Adaptation to the European regulations for the preparation of the MSDS

Key literature references and sources for data:

- Guidance on the compilation of safety data sheets version 3.0 August 2015
(<http://echa.europa.eu>)

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification	Procedure
H412	Minimum classification

Additional information

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

The data and information given on the safety data sheet are based on literature and/or documentation submitted to us. It is conceived only as a guide for the safety in the authorized use, handling, transport and removal as waste.