

**Trade name: Isonet T**

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Trade name: Isonet T.

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

Pheromone for mating disruption.

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

CBC (Europe) S.r.l.  
Via E. Majorana, 2  
20834 Nova Milanese (MB)  
Italy

Tel: +39-0362-365079

Fax: +39-0362-41273

e-mail: biogard\_sdsondemand@pec.it

### **1.4 Emergency telephone number**

24 HOUR EMERGENCY NUMBER: +44 1903 721591

## **SECTION 2: Hazards identification**

### **2.1 Classification of the substance or mixture**

Skin Irrit. 2, H315

Aquatic Chronic. 1, H410

### **2.2 Label elements**



**WARNING**

H315 Causes skin irritation.

H410 Very toxic to aquatic life with long lasting effects.

### **Precautionary Statements according to Regulation (EC) No 1272/2008**

P102 Keep out of reach of children.

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

P273 Avoid release to the environment.

P280 Wear protective gloves / protective clothing.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P391 Collect spillage.

P501 Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

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Supplementary information:

EU401: To avoid risks to human health and the environment, comply with the instructions for use.

SP1: Do not contaminate water with the product or its container.

### 2.3 Other hazards

The mixture does NOT meet the criteria for PBT or vPvB according to Annex XIII of Regulation (EC) 1907/2006.

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Not relevant.

### 3.2 Mixtures

Hazardous substances

Name	CAS -N° EU - N°	Classification (Reg. EC 1272/2008)	Concentration (%)
(E,Z,Z)-3,8,11-Tetradecatrien-1-yl acetate	163041-94-9	Skin Irrit. H315 Aquatic Chronic 1: H410	96
(E,Z)-3,8-Tetradecadien-1-yl acetate	163041-87-0	Skin Irrit. H315 Aquatic Chronic 1: H410	
(2-hydroxy-4-octoxyphenyl) phenylmethanone	1843-05-6 217-421-2	Skin Sens. 1. H317 Acute Chronic. 4; H413	2
2,6-di-tert-butyl-p-cresol	128-37-0 204-881-4	Aquatic Acute 1: H400 Aquatic Chronic 1: H410	2

Additional information: For the wording of the listed hazard statements refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: Remove contaminated clothing.

After inhalation: Supply fresh air; seek medical advice in case of symptoms.

After skin contact: Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, seek medical advice.

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

No information available.

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

After eye contact: Rinse opened eye for several minutes under running water. Then seek medical advice.

After swallowing: Rinse out mouth and then drink plenty of water. Seek immediately medical advice.

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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Suitable extinguishing agents: CO<sub>2</sub>, extinguishing powder or water spray/fog.

Fight larger fires with water spray/fog or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: Water with a full water jet.

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

Special hazards caused by the material, its products of combustion or flue gases: Carbon monoxide and carbon dioxide.

### **5.3 Advice for firefighters**

Protective equipment: Put on breathing apparatus.

Additional information: Collect contaminated fire fighting water separately. It must not enter drains.

## **SECTION 6: Accidental release measures**

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

Avoid skin and eye contact.

### **6.2 Environmental precautions**

Do not allow to enter drainage system, surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation

### **6.4 Reference to other sections.**

None.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace. Avoid skin and eye contact.

Keep ignition sources away. Do not smoke, eat or drink in work areas.

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

Observe all local and national regulations for storage of water polluting products.

Do not store together with oxidizing and acidic materials.

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

### **7.3 Specific end use(s)**

Plant protection product.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

This product contains hazardous chemicals. This MSDS applies only in case that container breaks and the chemicals are set free.

All information given hereinafter refer to the contained chemicals.

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### **8.2 Exposure controls**

Keep away from foodstuffs, beverages and food. Instantly remove any contaminated garments. Avoid contact with the eyes and skin. Wash hands during breaks and at the end of the work.

Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Material of gloves: Nitrile or neoprene.

Eye protection: Safety glasses.

## **SECTION 9: Physical and chemical properties**

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

Isonet T

a) Appearance:	Liquid, colourless to yellowish
b) Odour:	Characteristic
c) Odour threshold:	None
d) pH (pH meter):	No information available
e) Melting point/freezing point:	No information available
f) Initial boiling point, boiling range (OECD 103):	> 110 °C
g) Flash point (Pensky-Martens):	283 ± 4 °C (102.032 kPa)
h) Evaporation rate:	No information available
i) Flammability (solid/gas)	No information available
j) Upper/lower flammability or explosive limits:	No information available
k) Vapour pressure (calculated):	No information available
l) Vapour density:	No information available
m) Relative density:	0.902 (19.9°C)
n) Solubilit(ies) (OECD 105):	insoluble in water
o) Partition coefficient: n-octanol/water (OECD 107):	No information available
p) Auto-ignition temperature:	No information available
q) Decomposition temperature:	No information available
r) Viscosity (Ubbelohde's method):	No information available
s) Explosive properties:	Not explosive (judgement)
t) Oxidising properties:	Not oxidising (judgement)

### **9.2 Other information**

None.

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No.

### **10.2 Chemical stability**

Stable if stored as recommended.

### **10.3 Possibility of hazardous reactions**

No hazardous reaction known.

### **10.4 Conditions to avoid**

Avoid contact with strong oxidisers, excessive heat, sparks or open flame.

### **10.5 Incompatible materials**

Oxidizing agents.

Strong acids.

### **10.6 Hazardous decomposition products**

Carbon monoxide and carbon dioxide, but no decomposition if used according to specifications.

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

#### Acute toxicity:

No information available.

#### Primary irritant effect:

On the skin: Irritating for the skin.

On the eye: Non irritating.

Corrosivity: Not corrosive.

Sensitization: No sensitizing effect known.

Repeated dose toxicity: Repeated dose and/or long term exposure not relevant.

Carcinogenicity: Not relevant, exposure not exceeding natural background levels.

Mutagenicity: No information available.

Toxicity for reproduction: Not relevant, exposure not exceeding natural background levels.

No likely exposure routes.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No information available.

### **12.2 Persistence and degradability**

The product is easily biodegradable.

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### 12.3 Bioaccumulative potential

No data available. Exposure not likely.

### 12.4 Mobility in soil

No data available. Exposure not likely.

### 12.5 Results of PBT and vPvB assessment

The product is easily biodegradable.

### 12.6 Other adverse effects

None.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Waste disposal key numbers from EWC have to be assigned depending on origin and processing.

#### Uncleaned packagings

Disposal must be made according to official regulations.

## SECTION 14: Transport information

### 14.1 UN number

ADR: 3082  
IATA: 3082  
IMDG 3082

### 14.2 UN proper shipping name

ADR/RID: ENVIROMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
IMDG: ENVIROMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
IATA: ENVIROMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

### 14.3 Transport hazard class(es)

ADR-class: 9  
ADR-labelling: 9+P.A:



IATA-class: 9  
IATA-Label: 9  
IMDG-class: 9

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#### 14.4 Packing group

ADR-Packing Group: III TUNNEL CODE (E)  
IATA-Packing group: III  
IMDG-Packing group: III

#### 14.5 Environmental hazards

IMDG-Marine pollutant: YES

#### 14.6 Special precautions for user

ADR: 335  
IATA-Passenger Aircraft: 964  
IATA-Cargo Aircraft: 964  
IATA-ERG: 9L  
IMDG-EMS: F-A,S-F  
IMDG-Storage category: A

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

None.

### SECTION 15: Regulatory information

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

UK approval number MAPP: 17929.

Mixture evaluated according to Directive 91/414/EEC and Regulation (EC) 1107/2009.

#### 15.2 Chemical safety assessment

No chemical safety assessment according to article 14 of Regulation (EC) 1907/2006 has been done. The active substances of the mixture are considered to be registered under REACH according to article 15 of Regulation (EC) 1907/2006.

### SECTION 16: Other information

The Safety Data Sheet complies with Regulation (EC) No. 1272/2008 (CLP) and Regulation (EC) No. 2015/830.

These data are based on our present knowledge including the database of registered products under REACH. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Aquatic Chronic. 1, H410



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