

# SAFETY DATA SHEET

Amplecta AB

Revision date: January 20, 2023

Version 3.0

Replaces: March 08, 2022

## RapidAction, BioTech Mosquito Attractant: GreenFusion Octenol

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

<b>PRODUCT NAME:</b>	<b>RapidAction, BioTech Mosquito Attractant: GreenFusion Octenol</b>
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#### 1.2 Relevant identified uses of the substance or preparation and uses advised against

<b>Use of the product</b>	Synergist for biocidal product generated on site. Against mosquitoes and gnats. For outdoor use only. May only be used in dedicated equipment.
<b>Limited conditions of use</b>	Not applicable

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

<b>Company</b>	Amplecta AB
<b>Address</b>	Ahla 208
<b>Zip Code / City or Town</b>	312 63 Laholm
<b>Country</b>	Sweden
<b>E-mail</b>	info@amplecta.com
<b>Internet</b>	<a href="http://www.amplecta.com">www.amplecta.com</a>
<b>Telephone</b>	+46 733 271 000

#### 1.4 Emergency telephone number

<b>Emergency telephone number</b>	Call 112 – ask for Poisson Centre.
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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or preparation

**Product definition:** Mixture

#### Classification according to (EG) 1272/2008

Acut Tox. 4; H302

Skin Irrit. 2, H315

Skin Sens. 1; H37

Eye Dam. 1; H318

#### 2.2 Label Information

**Label elements according to (EG) 1272/2008**

Labelling required.



**Signal Word: DANGER**

<b>Contains</b>	Oct-1-ene-3-ol. Lactic acid.
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#### Hazard Statement

<b>H302</b>	Harmful if swallowed.
<b>H315</b>	Causes skin irritation.
<b>H317</b>	May cause an allergic skin reaction.

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<b>H318</b>	Causes serious eye damage.
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#### Precautionary statements

<b>P102</b>	Keep out of reach of children.
<b>P264</b>	Wash hands thoroughly after handling.
<b>P302+P352</b>	IF ON SKIN: Wash with plenty of water.
<b>P333-P313</b>	If skin irritation or rash occurs: Get medical advice/ attention.
<b>P305 + P351 + P338+P310</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
<b>P501</b>	Dispose of contents / container to to a licensed hazardous-waste disposal contractor.

#### Special packaging requirements

<b>Tactile warning of danger</b>	Yes
<b>Containers to be fitted with child-resistant fastenings</b>	No

Refers to sales to consumers.

#### 2.3 Other hazards

<b>PBT / vPvB</b>	The product contains no PBT or vPvB substances.
<b>Health effect</b>	The product is harmful.
<b>Physicochemical effects</b>	No fire or explosion hazard exists.
<b>Environmental effects</b>	The product is not dangerous for the environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixture

Plastic cassette, not openable, containing two compartments filled with inert material in the form of a gel. Each gel contains one of the substances below classified as dangerous.

No	Component/ ingredient name	EC-number	CAS- number	REACH registration number	Conc. (weight-%)	Classification CLP]
1	Oct-1-ene-3-ol	222-226-0	3391-86-4	--	9	Acute Tox. 3; H301 Acute Tox. 4; H332 Skin Irrit. 2, H315 Skin Sens. 1; H317 Eye Irrit. 2, H319
2	Lactic acid	200-018-0	50-21-5	01-2119548400-48-0000	18	Eye Dam. 1; H318 Skin Irrit. 2, H315
3	Inert material	--	--	--	40-80	Not classified as dangerous

Occupational exposure limits are mentioned under section 8, if such exist. See section 16 for the full text of the hazard statements declared above.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>Inhalation</b>	Remove to fresh air and rest.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Consult a physician if irritation persists.

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<b>Eye contact</b>	Hold eyelids apart. Rinse cautiously with water for at least 10 minutes. Remove any contact lenses. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth with water. If victim is conscious and alert, give 2 cupfuls of water to drink. Obtain medical attention.

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

<b>General information</b>	The product is in the form of a gel in a non-openable cassette. There is no risk of splashes. Avoid contact with gel from damaged cassette.
<b>Inhalation</b>	No danger exists in normal use.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye damage. The product contains lactic acid which in contact with the eyes causes severe burning and redness. Risk of permanent eye damage.
<b>Ingestion</b>	Ingestion may cause irritation of the mouth, throat and gastrointestinal tract as well as nausea and vomiting.

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

<b>Notes to physician</b>	Treat symptomatically.
<b>Specific treatments</b>	No specific treatment.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

<b>General information</b>	Non-flammable product.
<b>Suitable extinguishing media</b>	Extinguish with dry chemical or carbon dioxide.
<b>Unsuitable extinguishing media</b>	Water in the case that the product is primed in electrical equipment.

#### 5.2 Special hazards arising from the substance or preparation

<b>Hazards from the substance or preparation</b>	No fire or explosion risk exists.
<b>Hazardous thermal decomposition products</b>	Avoid inhalation of toxic fumes. Move to fresh air if inhalation has taken place. In case of fire, toxic flue gases are formed containing carbon monoxide and carbon dioxide.

#### 5.3 Advice to firefighters

<b>Special protective equipment for fire-fighters</b>	Fire-fighters should use self-contained breathing apparatus and appropriate personal protective equipment.
<b>Further information</b>	If possible, move the product from the fire area. Otherwise, cool containers exposed to flames with water until fire is out. Do not allow run-off from firefighting to enter drains or water courses

### 6. ACCIDENTAL RELEASE MEASURES

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

##### General measures

Provide good ventilation. Keep people away from the site.

##### Personal protection measures

Avoid contact with skin and eyes. Avoid inhalation of vapours.

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#### Protective equipment

Wear eye protection, protective gloves made of butyl or nitrile rubber and appropriate protective clothing.

#### For emergency responders

Wear eye protection, protective gloves made of butyl or nitrile rubber gloves and appropriate protective clothing. For larger spills, use self-contained breathing apparatus and appropriate personal protective equipment.

#### 6.2 Environmental precautions

Not dangerous for the environment. However, avoid dispersal of spilt material in waterways and sewers or contamination of soil and vegetation.

#### 6.3 Methods and materials for containment and cleaning up

Absorb spillage in vermiculite, sand or other inert absorbent material and place in sealable containers. Clean up area with detergent and water subsequently. Collected material should be disposed of as hazardous waste, see section 13.

#### 6.4 Reference to other sections

See section 8. for personal protective equipment.  
See section 13 for handling of waste materials.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

##### Handling

Do not open the package until that product is to be used. Avoid contact with skin and eyes. Do not eat, drink or smoke while working. Wash hands before break and after work. For personal protection, see section 8.

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

##### Storage conditions

Store in tightly closed original container in a dry place at ambient temperature.

##### Conditions to avoid

Store away from strong acids, alkalis, and strong oxidizing agents. Avoid direct sunlight. Avoid heating the product.

#### 7.3 Specific end use(s)

For outdoor use only. May only be used in dedicated equipment. Any other use is prohibited unless specifically permitted.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Occupational Exposure Limit:

Substance	CAS no.	Range	ppm	mg/m <sup>3</sup>	Year	Remarks
--	--	--	--	--	--	--

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. Source: EH40/2005.

#### 8.2 Exposure Control

Avoid contact with skin and eyes. Do not eat, drink or smoke while working. Wash hands before break and after work.

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#### Appropriate technical controls

Not relevant for this product.

#### Individual protective measures, e.g. protective personal equipment.

<b>Respiratory protection</b>	Not normally needed. The product is used outdoors with good air exchange.
<b>Eye/face protection</b>	Not normally needed. The product is enclosed in a non-openable plastic cassette, which prevents direct contact. Wear safety goggles when in contact with product from damaged cassette.
<b>Hand protection</b>	Not normally needed. Wash hands thoroughly after handling. The product is enclosed in a non-openable plastic cassette, which prevents direct contact. Wear protective gloves made of butyl or nitrile rubber when in contact with product from damaged cassette.
<b>Body protection</b>	Not relevant.
<b>Thermal hazards</b>	This product is not flammable.

#### 8.3 Environmental exposure controls

Avoid release to the environment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	Plastic cassette, not openable, containing two compartments filled with inert material in the form of gel. Each gel contains one of the substances classified as dangerous in sections 2 and 3.
<b>Colour</b>	Green cassette
<b>Odour</b>	Smells like mushrooms
<b>Odour threshold</b>	Not available
<b>pH (product)</b>	2
<b>Melting point /freezing point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash point</b>	> 100 °C
<b>Evaporation rate</b>	Not determined
<b>Flammable (solid, gas)</b>	Not applicable
<b>Burning time</b>	Not applicable
<b>Burning rate</b>	Not applicable
<b>Upper / lower flammability or explosive limits</b>	Not explosive
<b>Vapour pressure</b>	Not determined
<b>Vapour density</b>	Not determined
<b>Density</b>	Not determined
<b>Solubility</b>	Partly soluble in water at 20 °C
<b>Partition coefficient octanol/water</b>	Not applicable
<b>Autoignition temperature</b>	Not known
<b>Decomposition temperature</b>	Not known
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	Not oxidizing

#### 9.2 Other physical and chemical properties

No further relevant information available.

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#### 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	The product is not reactive under normal conditions.
<b>10.2 Chemical stability</b>	Chemically stable under normal conditions of use and storage.
<b>10.3 Possibility of hazardous reactions</b>	Reacts violently with strong oxidants.
<b>10.4 Conditions to avoid</b>	Avoid direct sunlight. Avoid heating the product.
<b>10.5 Incompatible materials</b>	Store away from strong acids, alkalis, and strong oxidizing agents.
<b>10.6 Hazardous decomposition products</b>	Thermal decomposition results in the formation of carbon monoxide and carbon dioxide.

#### 11. TOXICOLOGICAL INFORMATION

##### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

###### Acute toxicity of oct-1-ene-3-ol

Exposure route	Value/Unit	Species	Exp. time	Method/note
LD50 oral	175 mg/kg	Rat	--	OECD TG 425
LD50, dermal	3300 mg/kg	Rabbit	--	RTECS
LC50 inhalation (dust/vapours)	3,72 mg/l	Rat	4 h	Literature data

Irritating to eyes and skin.

###### Acute toxicity of lactic acid

Exposure route	Value/Unit	Species	Exp. time	Method/note
LD50, oralt	> 2.000 mg/kg	Rat	--	ECHA
LD50, dermal	> 2.000 mg/kg	Rat	--	ECHA

Irritating to skin. Causes serious eye damage. LC50 inhalation not determined due to too low vapor pressure at room temperature.

###### Acute toxicity of the product

Exposure route	Value/Unit	Species	Exp. time	Method/note
LD50 oralt	1750 mg/kg	--	--	ATEmix calculated
LD50, dermalt	> 2.000 mg/kg	--	--	ATEmix calculated
LC50 inhalation (dust/vapours)	> 5 mg/l	--	4 h	ATEmix calculated

##### Assessment of acute toxicity, classification

Harmful if swallowed.

##### Assessment of skin corrosion/irritation, classification

Causes skin irritation.

##### Assessment of eye damage or irritation, classification

Causes serious eye damage. The product contains lactic acid which in contact with the eyes causes severe burning and redness. Risk of permanent eye damage.

##### Inhalation

No danger exists in normal use.

##### Ingestion

Ingestion may cause irritation of the mouth, throat and gastrointestinal tract as well as nausea and vomiting.

##### Sensitization by inhalation/skin contact

Assessment of sensitization:

May cause an allergic skin reaction.

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#### Germ cell mutagenicity

Assessment of mutagenicity for the product:

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Assessment of carcinogenicity for the product:

Based on available data, the classification criteria are not met.

#### Reproduction toxicity

Assessment of reproduction toxicity for the product:

Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

STOT assessment single dose toxicity:

Based on available data, the classification criteria are not met.

#### Specific organ toxicity (repeated exposure)

STOT assessment of repeated dose toxicity:

Based on available data, the classification criteria are not met.

#### Aspiration

Assessment of aspiration:

Based on available data, the classification criteria are not met.

#### 11.2 Additional information

##### Endocrine disrupting properties

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12. ECOLOGICAL INFORMATION

##### 12.1. Toxicity

###### Acute aquatic toxicity of oct-1-ene-3-ol

Test	Value / unit	Test Method	Exp. time	Species
Fish, LC50	8,02	OECD TG 202	48 h	Daphnia magna
Algae EC50	7,05	OECD TG 201	72 h	Pseudokirchneriella subcapitata

###### Acute aquatic toxicity of lactic acid

Test	Value / unit	Test Method	Exp. time	Species
Fish, LC50	> 130	ECHA	96 h	Oncorhynchus mykiss
Daphnia, EC50	> 250	ECHA	48 h	Daphnia magna
Algae EC50	> 2800	ECHA	72 h	Pseudokirchneriella subcapitata

#### Ecological toxicity

Low acute toxicity to aquatic organisms.

#### 12.2 Persistence and degradability

Oct-1-ene-3-ol	BOD/COD = 0,85. Readily biodegradable according to OECD TG 301F (28-day test gives 80% degradation).
Lactic acid	Readily biodegradable according to EU Method C.5 (67% degradation after 20 days).
Inert material	Not are readily biodegradable.

The product is not readily biodegradable.

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#### 12.3 Bioaccumulative potential

<b>Oct-1-ene-3-ol</b>	Log Pow = 2,60. The substance is not bioaccumulative.
<b>Lactic acid</b>	Log Pow = -0,72. The substance is not bioaccumulative.
<b>Inert material</b>	The substance is not bioaccumulative

The product is not bioaccumulative.

#### 12.4 Mobility in soil

The physical state of the product is a cassette containing substances soluble in water.

The product is not expected to be mobile in the soil profile.

#### 12.5 Results of PBT and vPvB assessment

The product contains no substances which are identified as a PBT or vBvP substance (substance that is persistent, bioaccumulative and toxic).

#### 12.6 Endocrine disrupting properties

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12.7 Other adverse effects

No further relevant information available.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product

<b>Method of disposal</b>	Dispose of at an approved disposal plant for hazardous waste. Dispose in accordance with local regulations. See EWC-code below.
<b>Hazardous waste</b>	Yes

##### Packaging

<b>Method of disposal</b>	Dispose of at an approved disposal plant for hazardous waste. Dispose in accordance with local regulations. See EWC-code below.
<b>Hazardous waste</b>	Yes

#### European Waste Catalogue (EWC)

EWC Waste Code	Type of waste
16 05 08*	Discarded organic chemicals consisting of or containing dangerous substances.
15 01 10*	Packaging containing residues of or contaminated by dangerous substances

<b>Regulation</b>	Waste Directive 2008/98/EC
<b>Additional information</b>	The appropriate EWC code is determined by the user. The above EWC codes should only be seen as suggestions. Dispose of in accordance with official regulations.

### 14. TRANSPORT INFORMATION

This product is not classified as dangerous goods.

	ADG	ADN/ADNR	IMDG	IATA
<b>14.1 UN-Number</b>	Void	Void	Void	Void
<b>14.2 Propers Shipping Name</b>	Void	Void	Void	Void



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<b>14.3 Transport hazard class(es)</b>	Void	Void	Void	Void
<b>14.4 Packing Group</b>	Void	Void	Void	Void
<b>14.5 Environmental hazards</b>	Void	Void	Void	Void
<b>14.6 Special precautions for user</b>	Void	Void	Void	Void

### 14.7 Bulk transport in accordance with annex II of convention Marpol 73/78 and IBC-Code

Not covered by this legislation.

## 15. REGULATORY INFORMATION

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

#### Assessed restrictions

Substances of very high concern (SVHC) according to REACH, Article 57: None

Restriction of chemicals according to Annex XVII (REACH): None

#### National regulations

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#### Legislation and regulations

The safety data sheet is prepared in accordance with Annex II of the REACH Regulation (EU) No.1907/2006.

Classification according to the Regulation (EU) No. 1272/2008 with their respective legislative changes.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste and repealing certain Directives.

### 15.2 Chemical Safety Assessment

Not relevant for mixtures.

## 16. OTHER INFORMATION

### THE PRODUCER'S NOTES

This safety data sheet is provided by MM-Support AB, Sweden, and approved by Amplecta AB, Sweden.

Issued for the first time: August 31, 2021.

### LIST OF HAZARD STATEMENTS MENTIONED UNDER SECTION 2 and 3

No.	Text
H301	Toxic if swallowed.
H315	Causes skin irritation.
H317	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

#### Revision overview

Version	Revision date	Responsible	Changes in section
2.0	2022-03-08	Johan Stagne	2, 3, 4, 11 and 13
3.0	2023-01-20	Johan Stagne	11, 12 and 13

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