

SAFETY DATA SHEET

Amplecta AB

Date of Issue: March 30, 2021

Version no: 1.0

Replaces: --

RapidAction R-Octenol

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

1.1 Product identifier

PRODUCT NAME:	RapidAction R-Octenol
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1.2 Relevant identified uses of the substance or preparation and uses advised against

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

1.3 Details of the supplier of the safety data sheet

Company	Amplecta AB
Address	Ahla 208
Zip Code / City or Town	312 63 Laholm
Country	Sweden
E-mail	info@amplecta.com
Internet	www.amplecta.com
Telephone	+46 733 271 000

1.4 Emergency telephone number

Emergency telephone number	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

Acute Tox. 4; H302

2.2 Label Information

Label elements according to (EG) 1272/2008

Labelling required.



Signal Word: Warning

Active ingredient	Oct-1-ene-3-ol 4,3 weight-% (207,6 mg/tablet)
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Hazard Statement

H302	Harmful if swallowed.
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Precautionary statements

P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling.

SAFETY DATA SHEET

Amplecta AB

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Version no: 1.0

Replaces: --

RapidAction R-Octenol

P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell. Rinse mouth.
P501	Dispose of contents/container to a licensed hazardous waste disposal contractor.

2.3 Other hazards

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Tablet containing the following substances 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	--	4,3	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1; H400
2	Ammonium hydrogen carbonate	213-911-5	1066-33-7	01-2119486970-26- 0000	20 - 40	Acute Tox. 4; H302

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

4.1 Description of first aid measures

Inhalation	Remove to fresh air and rest.
Skin contact	Wash skin thoroughly with soap and water. Consult a physician if irritation persists.
Eye contact	Hold eyelids apart. Rinse cautiously with water for several minutes. Remove any contact lenses. Get medical attention if any discomfort continues.
Ingestion	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

General information	The risk of exposure is low because the physical state of the product is a tablet.
Inhalation	No danger exists in normal use. However, fumes in high concentrations may cause irritation of the nose and respiratory tract.
Skin contact	Not skin irritating.
Eye contact	Not eye irritating. There is no risk of splashes.
Ingestion	Harmful if swallowed. Ingestion may cause nausea, abdominal pain and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
Specific treatments	No specific treatment.

SAFETY DATA SHEET

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5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or preparation

Hazards from the substance or preparation	No fire or explosion risk exists.
Hazardous thermal decomposition products	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, carbon dioxide and nitrous gases.

5.3 Advice to firefighters

Special protective equipment for fire-fighters	Fire-fighters should use self-contained breathing apparatus and appropriate personal protective equipment.
Further information	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.

Personal protection measures

Avoid contact with skin and eyes. If the tablet has been heated, R-octenol will be released from it.

Avoid inhalation of these vapors.

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

Dike spills using 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.

SAFETY DATA SHEET

Amplecta AB

Date of Issue: March 30, 2021

Version no: 1.0

Replaces: --

RapidAction R-Octenol

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling

Do not open the package until that product is to be used. 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 prohibited unless specifically permitted.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limit:

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

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

8.2 Exposure Control

Do not eat, drink or smoke while working. Wash hands before break and after work.

Appropriate technical controls

Not relevant for this product.

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

Respiratory protection	Not normally needed. The product is used outdoors with good air exchange.
Eye/face protection	Not normally needed.
Hand protection	Not normally needed. Wash hands thoroughly after handling. For prolonged or repeated skin contact use protective gloves made of nitrile rubber.
Body protection	Not relevant.
Thermal hazards	This product is not flammable.

8.2.2 Environmental exposure controls

Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Tablet in a blister pack.
Colour	White
Odour	Smells like mushrooms
Odour threshold	Not available
Solubility	Insoluble in water at 20 °C

SAFETY DATA SHEET

Amplecta AB

Date of Issue: March 30, 2021

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Replaces: --

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pH (product)	Not determined
Melting point /freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not determined
Flammable (solid, gas)	Not applicable
Burning time	Not applicable
Burning rate	Not applicable
Upper / lower flammability or explosive limits	Not explosive
Vapour pressure	Not determined
Vapour density	Not determined
Density	Not determined
Partition coefficient octanol/water	Not applicable
Autoignition temperature	Not known
Decomposition temperature	Not known
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

9.2 Other physical and chemical properties

No further relevant information available.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

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

Exposure route	Value/Unit	Species	Exp. time	Method/note
LD50 oral	340 mg/kg	Rat	--	RTECS
LD50, dermal	3300 mg/kg	Rabbit	--	RTECS
LC50 inhalation (dust)	3,72 mg/l	Rat	4 h	Litteraturdata

Acute toxicity of ammonium hydrogen carbonate

Exposure route	Value/Unit	Species	Exp. time	Method/note
LD50 oralt	1.576 mg/kg	Rat	--	OECD Guideline 401
LD50, dermal	> 2.000 mg/kg	Rabbit	--	IUCLID
LC50 inhalation (dust)	--	--	--	--

SAFETY DATA SHEET

Amplecta AB

Date of Issue: March 30, 2021

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Acute toxicity of the product

Exposure route	Value/Unit	Species	Exp. time	Method/note
LD50 oral	1.500 – 2.000 mg/kg	--	--	ATE-calculated
LD50, dermal	> 2.000 mg/kg	--	--	ATE-calculated
LC50 inhalation (dust)	> 5 g/l	--	4 h	ATE-calculated

Assessment of acute toxicity, classification

Harmful if swallowed.

Assessment of skin corrosion/irritation, classification

Not irritating.

Assessment of eye damage or irritation, classification

Not irritating.

Inhalation

No danger exists in normal use. However, fumes in high concentrations may cause irritation of the nose and respiratory tract.

Ingestion

Harmful if swallowed. Ingestion may cause nausea, abdominal pain and vomiting.

Sensitization by inhalation/skin contact

Not sensitizing. The product does not contain any sensitizing agents.

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:

Shall not be classified as a specific target organ toxicant (single exposure).

Specific organ toxicity (repeated exposure)

STOT assessment of repeated dose toxicity:

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration

Shall not be classified as presenting an aspiration hazard.

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	1,8	OECD 203	96 h	Danio rerio
Daphnia, EC50	8,0	OECD 202	48 h	Daphnia magna

SAFETY DATA SHEET

Amplecta AB

Date of Issue: March 30, 2021

Version no: 1.0

Replaces: --

RapidAction R-Octenol

Alga.e EC50	7,05	OECD 201	72 h	Freshwater algae
Readily biodegradable according to OECD TG 301F (28-day test gives 80% degradation). Not expected to be bioaccumulative (log Pow: 2.06)				

Ecological toxicity

Low acute toxicity to aquatic organisms.

12.2 Persistence and degradability

The product consists of substances that are readily degradable.

12.3 Bioaccumulative potential

The product is not bioaccumulative.

12.4 Mobility in soil

The physical state of the product is a tablet. The product is insoluble 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 Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

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

Packaging

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

European Waste Catalogue (EWC)

EWC Waste Code	Type of waste
07 04 13*	Solid wastes containing dangerous substances.
15 01 10*	Packaging containing residues of or contaminated by dangerous substances

14. TRANSPORT INFORMATION

This product is not classified as dangerous goods.

	ADG	ADN/ADNR	IMDG	IATA
14.1 UN-Number	Void	Void	Void	Void
14.2 UN Propers Shipping Name	Void	Void	Void	Void
14.3 Transport hazard class(es)	Void	Void	Void	Void
14.4 Packing Group	Void	Void	Void	Void

SAFETY DATA SHEET

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Version no: 1.0

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RapidAction R-Octenol

14.5 Environmental hazards	Void	Void	Void	Void
14.6 Special precautions for user	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

Classification and labelling according to (EG) 1272/2008 is available under section 2. This Safety Data Sheet is prepared in accordance with Annex II of the REACH Regulation (EC) 1907/2006 and Regulation (EC) No. 453/2010 Appendix I.

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.

LIST OF HAZARD STATEMENTS MENTIONED UNDER SECTION 2 and 3

No.	Text
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

Revision overview

Version	Revision date	Responsible	Changes in section
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