

# SAFETY DATA SHEET

## RHYZOZ

Date Revised: August 2020  
Supersedes: N/A

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : RHYZOZ  
Product Number : N/A  
Product Form : Pure pheromone attractant absorbed in a rubber septum  
Brand : Alpha Scents

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

Identified uses : Insect Lure for Ponderosa Pine Tip Moth *Rhyacionia zozana*

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

Company : Alpha Scents, Inc  
360 S. Sequoia Pkwy.  
CANBY OR 97013  
USA  
Telephone : 503-342-8611  
Fax : 314-271-7297

#### 1.4 Emergency telephone number

Emergency Phone # : 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

- (1) Chemical Name : E9-Dodecadienyl Acetate  
Synonyms : 9-Dodecen-1-ol, acetate, (9E)- \* Eastern pine shootborer pheromone \* EPSB pheromone \* trans-9-Dodecen-1-yl Acetate \* trans-9-Dodecenyl Acetate \* Western pine shootborer pheromone.  
Formula : C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>  
Molecular weight : 226.35 g/mol  
CAS-No. : 35148-19-7  
EC Number : N/A
- (2) Chemical Name : Z9-Dodecenyl Acetate  
Synonyms : 9-Dodecen-1-ol, acetate, (9Z)- \* cis-9-Dodecen-1-yl Acetate \* GBM Pheromone Component \* WPSB Pheromone  
Formula : C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>  
Molecular weight : 226.35 g/mol  
CAS-No. : 16974-11-1  
EC Number : N/A

The exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

**5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

No data available

**6. ACCIDENTAL RELEASE MEASURES**

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

Use personal protective equipment. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains.

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

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

For precautions see section 2.2.

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

Keep container tightly closed in a dry and well-ventilated place.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of

workday.

**Personal protective equipment**

**Eye/face protection**

None required).

**Skin protection**

Handle with gloves. None required if lure is in foil pouch. Gloves should be used when handling lures removed from foil pouch.

Wash and dry hands.

This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Body Protection**

None required.

**Control of environmental exposure**

Do not let product enter drains.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

**(1) E9-Dodecenyl Acetate**

a) Appearance	Form: Liquid Color: Colorless
b) Odor	Mild, fruity
c) Odor threshold	No data available
d) pH	No data available
e) Melting point/freezing	No data available
f) Initial boiling point and boiling range	285.97 °C (546.75 °F); US EPA. 2014.
g) Flash point	110 °C (230 °F); Closed Cup
h) Evaporation rate	No data available
i) Flammability (solid, gas)	Not Applicable
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	0.0005 kPa at 25 °C
l) Vapor density	7.8 Relative to air; air=1
m) Relative density	No data available
n) Water solubility	Insoluble
o) Partition coefficient n-octanol/water	5.56 US EPA. 2014.
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
u) Other information	
Density	0.872-0.879 g/cm <sup>3</sup>
Flammability class.	Combustible IIIB estimated
Specific gravity	0.872-0.879 at 25 °C

**(2) Z9-Dodecenyl Acetate**

a) Appearance	Form: Liquid Color: Colorless
b) Odor	mild, fruity
c) Odor threshold	No data available
d) pH	No data available
e) Melting point/freezing	No data available
f) Initial boiling point and boiling range	285.97 °C (546.75 °F); US EPA. 2014
g) Flash point	110 °C (230 °F); Pensky-Martens or Grabner Miniflash
h) Evaporation rate	No data available
i) Flammability (solid, gas)	Not Applicable
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	0.0005466 kPa at 25 °C
l) Vapor density	7.8 Relative to air; air=1
m) Relative density	No data available
n) Water solubility	No data available

- |   |                              |
|---|------------------------------|
| o) Partition coefficient<br>n-octanol/water | 5.56 US EPA. 2014.           |
| p) Auto-ignition temperature                | No data available            |
| q) Decomposition temperature                | No data available            |
| r) Viscosity                                | No data available            |
| s) Explosive properties                     | No data available            |
| t) Oxidizing properties                     | No data available            |
| u) Other information                        |                              |
| Density                                     | 0.875-0.88 g/cm <sup>3</sup> |
| Flammability class                          | Combustible IIB estimated    |
| Specific gravity                            | 0.875-0.88 at 25 °C          |

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong bases, Strong oxidizing agents, Strong reducing agents

### 10.6 Hazardous decomposition products

Other decomposition products-No data available

In the event of fire: see section 5

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

No data available

Inhalation: No data available

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

#### Respiratory or skin sensitization

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

#### Reproductive toxicity

No data available

#### Specific target organ toxicity -single exposure

No data available

#### Specific target organ toxicity -repeated exposure

No data available

#### Aspiration hazard

No data available

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

No data available

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Product Offer surplus and non-recyclable solutions to a licensed disposal company

**14. TRANSPORT INFORMATION**

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

**15. REGULATORY INFORMATION**

EPA Exempted from label requirements; CFR 40 152.25(b) if used for monitoring purposes in traps.

**16. OTHER INFORMATION**

**HMIS Rating**

Health hazard : 1

Chronic Health Hazard : 0

Flammability : 0

Physical Hazard : 0

**NFPA Rating**

Health hazard : 1

Fire Hazard : 0

Reactivity Hazard : 0

**Further information**

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