

Safety Data Sheet

according to WHS Regulations

Printing date 13.10.2020

Revision: 02.10.2020

1 Identification

Product Name: Fruition® Citrus Gall Wasp Lure

Recommended Use of the Chemical and Restriction on Use: Lure for managing citrus gall wasp populations.

Details of Manufacturer or Importer:

AgNova Technologies Pty Ltd
Suite 3/935 Station Street
Box Hill North Vic 3129 Australia

Phone Number: (03) 9899 8100

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.



health hazard

Toxic To Reproduction 2

H361 Suspected of damaging fertility or the unborn child.



Skin Corrosion/Irritation 2

H315 Causes skin irritation.

Serious Eye Damage/Irritation 2A

H319 Causes serious eye irritation.

Skin Sensitisation 1

H317 May cause an allergic skin reaction.

Flammable Liquids 4

H227 Combustible liquid.

Aquatic Chronic 3

H412 Harmful to aquatic life with long lasting effects.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Signal Word Warning

Hazard Statements

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use to extinguish: CO2, powder or water spray.
P403	Store in a well-ventilated place.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with proprietary nonhazardous additions.

Hazardous Components:		
CAS: 5989-27-5	(R)-p-mentha-1,8-diene ⚠ Skin Corrosion/Irritation 2, H315; Skin Sensitisation 1, H317	<30%
CAS: 112-34-5	2-(2-butoxyethoxy)ethanol ⚠ Serious Eye Damage/Irritation 2A, H319	<20%
CAS: 99-85-4	1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- ⚠ Flammable Liquids 3, H226; ⚠ Toxic To Reproduction 2, H361; ⚠ Aquatic Chronic 2, H411	<10%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if symptoms persist.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Symptoms Caused by Exposure:

Inhalation: No adverse health effects expected.

Skin Contact: Causes skin irritation. May cause allergic skin reaction.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause gastrointestinal irritation.

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5 Fire Fighting Measures

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include carbon monoxide and carbon dioxide.

Product is combustible.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear impermeable gloves and avoid contact with the product.

The product is sold in small packages and accidental release from one of these is not usually a cause for concern.

Environmental Precautions: Do not allow product to reach sewage system or any water course.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so. Wipe up small spills with clean cloth or paper towels. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet.

Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed and upright. Keep away from strong oxidising agents. Keep away from heat, flames, sparks and other sources of ignition. Store locked up.

8 Exposure Controls and Personal Protection

Exposure Standards:

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

Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

Nitrile elbow length gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective

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clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Protective glasses or safety goggles. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:	Gel
Form:	Liquid
Colour:	Orange
Odour:	Citrus
Odour Threshold:	Not determined.
pH-Value:	Not determined.
Melting point/freezing point:	Not determined.
Initial Boiling Point/Boiling Range:	Not determined.
Flash Point:	>60 °C
Flammability:	Combustible
Decomposition Temperature:	Not determined.
Explosion Limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour Pressure:	Not determined.
Density:	Not determined.
Relative Density:	Not determined.
Vapour Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in Water:	Not determined.
Partition Coefficient (n-octanol/water):	Not determined.
Viscosity:	Not determined.

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition.**Incompatible Materials:** Strong oxidising agents.**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide

11 Toxicological Information

Toxicity:**LD50/LC50 Values Relevant for Classification:****CAS: 5989-27-5 (R)-p-mentha-1,8-diene**

Oral LD50 4,400 mg/kg (rat)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral LD50 5,660 mg/kg (rat)

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Dermal	LD50	4,000 mg/kg (rabbit)
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Acute Health Effects**Inhalation:** No adverse health effects expected.**Skin:** Causes skin irritation. May cause allergic skin reaction.**Eye:** Causes serious eye irritation.**Ingestion:** No adverse health effects expected.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

(R)-p-mentha-1,8-diene is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No data available.

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Harmful to aquatic life with long lasting effects.

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

EC50 0.36 mg/kg (daphnia)

EC50/48 h 0.36 mg/L (daphnia)

LC50/96 h 0.72 mg/L (fathead minnow)

LC50 0.72 mg/L (fathead minnow)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

EC50 >100 mg/L (algae)

EC50/48 h >100 mg/L (daphnia)

LC50/96 h 1,300 mg/L (Iepomis macrochirus)

LC50 >100 mg/L (golden orfe)

Persistence and Degradability: A part of the components is readily biodegradable.**Bioaccumulative Potential:** No data available on finished product.

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Mobility in Soil: No data available on finished product.
Other adverse effects: No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:
 Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated
Proper Shipping Name Not regulated
Dangerous Goods Class Not regulated
Packing Group: Not regulated

15 Regulatory Information

Australian Inventory of Chemical Substances: All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
 Poisons Schedule: 5

Australia: Priority Existing Chemicals

None of the ingredients is listed.

16 Other Information

Date of Preparation or Last Revision: 02.10.2020

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 IARC: International Agency for Research on Cancer
 STEL: Short Term Exposure Limit
 TWA: Time Weighted Average
 NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
 Flammable Liquids 3: Flammable liquids – Category 3
 Flammable Liquids 4: Flammable liquids – Category 4
 Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
 Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A
 Skin Sensitisation 1: Skin sensitisation, Hazard Category 1
 Toxic To Reproduction 2: Reproductive toxicity – Category 2
 Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2
 Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. AgNova Technologies Pty Ltd makes no representation of the accuracy or comprehensiveness

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