

SAFETY DATA SHEET

Prepared in accordance with US HazCom 2012 (US GHS)

Date of Preparation: 08.05.2021

Revision No.: 00

Version: EN/01A

SECTION 1: Identification of the mixture and of the company/undertaking

1.1. Product identifier

Product name: Biofuze^{Thrips}

Product Use: Agriculture Input

Product type: Mixture of Vegetable Oil, Essential Oil

1.2. Relevant identified uses of the mixture and uses advised against

Relevant identified uses:

Used as agricultural input

Uses advised against:

No information available

1.3 MANUFACTURER:

Manufacturer: Privi Life Sciences Private Limited

Reg. office: Privi House, A-71, TTC, Thane Belapur Road, Near Koparkhairane Railway Station, Navi Mumbai (MS) INDIA- 400 709; Tel : 022 6602 3500

Factory: 22/1A, Dhatav MIDC, Roha, District: Raigad, Maharashtra, India- 402 109

Imported and Distributed by:

Privi Life Sciences USA Corp.

645 Howard Ave, Somerset NJ 08873.

Email: info@priviamericas.com

1.4. Emergency telephone number:

Poison Control Centre, United States:

1-800-222-1222

India:

+91 8879788918 (For calls within India Only)

SECTION 2: Hazards identification

2.1. Classification according to US HazCom 2012 (US OSHA GHS)

Skin Sensitization, Category 1

Eye Irritation, Category 2A


Additional Information:

Not available

2.2. Label elements

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Labeling according to US HazCom 2012:

Hazard pictogram:	
Signal word:	Warning
Hazard statements:	May cause an allergic skin reaction. Causes serious eye irritation.
Precautionary statements:	Wear eye protection/face protection. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label). Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing fume/mist/ vapours/spray. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dispose of contents/container to an approved disposal plant in accordance with national/local regulations

2.3. Other hazards

Not known

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical Name	CAS#	Content (% w/w)	Hazard Classification according to US HazCom 2012
Cinnamon Oil	8015-91-6	17	Skin Sensitization, Category 1 Eye Irritation, Category 2A

Note: None of the other ingredients of the product are hazardous under US HazCom 2012 (US OSHA GHS) and thus not required to be reported in this section.

SECTION 4: First aid measures

4.1. Description of first aid measures

following inhalation:

Immediately remove casualty to fresh air and keep them warm. Seek medical attention if breathing is difficult or concerned

following skin contact:

Immediately remove any contaminated clothing, including jewellery, and rinse affected area with plenty of water, or soap and water, for at least 5 minutes. Seek medical attention if symptoms persist or develop

following eye contact:

Immediately rinse the affected eye with plenty of water or eye wash fluid for at least 15 minutes while separating the eyelids. Remove contact lenses if safe and easy to do so and continue rinsing. Avoid contaminated water coming into contact with the other eye or face. Seek medical attention if symptoms persist or develop

following ingestion:

If swallowed DO NOT INDUCE VOMITING. Rinse mouth with water if casualty is fully conscious. Seek medical attention if symptoms develop or if there's reason for concern.”.

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notes for the doctor:

Treat symptomatically

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

On skin contact, May cause skin allergy and mild skin irritation

On inhalation: May cause respiratory irritation

On eye contact May cause mild to serious eye irritation

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

No special immediate treatment required

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Dry chemical, alcohol foam, or carbon dioxide.

5.2. Special hazards arising from the mixture

Burning may produce irritating, toxic and obnoxious fumes.

5.3. Advice for fire-fighters

Wear Self-contained breathing equipment. Individual protective equipment (gloves, boots (chemical resistant) and suitable clothing). Seek emplacement with your back against the wind.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing fumes/mist/vapours/ spray. Ensure adequate ventilation of the area, evacuate non-emergency responders to safe area. Wear suitable protective equipment. Wash thoroughly after handling.

6.2. Environmental precautions

Avoid release to the environment. Do not allow product to enter drains, prevent further spillage if safe to do so

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

Please see Section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing fumes/mist/vapours/ spray. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and sealed until ready for use. Store in original containers. Store in a cool, dry, well-ventilated area. Store away from incompatible materials.

SECTION 8: Exposure controls/personal protection

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8.1. Exposure controls

Appropriate engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of dust/material below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Individual protection measures:

Eye/face protection:

Use tight-fitting goggles, face shield or safety glasses (refer to U.S. OSHA 29 CFR 1910.133) with side shields if eye contact might occur.

Skin/Hand protection:

Avoid skin contact. Use chemically resistant gloves (refer to U.S. OSHA 29 CFR 1910.138), boots, and apron if risk of skin contact.

Gloves suitable for permanent contact Material: natural rubber/natural latex, polychloroprene, butyl-rubber, Polyvinylchloride, nitrile rubber/nitrile latex, fluoro carbon rubber.

Minimum Thickness of Gloves material preferred: 0.3 mm

When prolonged or frequently repeated contact may occur, a glove with breakthrough time greater than 240 minutes is recommended.

When only brief contact is expected, a glove with breakthrough time greater than 60 minutes is recommended

Respiratory protection:

No personal respiratory protective equipment normally required. If engineering controls do not maintain airborne concentrations below recommended exposure, an approved, properly fitted respirator (refer to U.S. OSHA 29 CFR 1910.134) should be used

Thermal Hazards:

No information available

Environmental exposure controls:

Do not allow run-off from fire fighting to enter drains or water courses

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Yellow to Brown Colour Oily Liquid
Odour	Characteristic
Odour threshold	No data available
pH (1% dilution)	5.0 – 6.0
Melting Point / Freezing Point	No data available
Boiling Point	No data available
Flash point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available

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Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour Density	No data available
Relative Density (Water = 1) at 25 °C	0.8- 1.0
Solubility	Emulsifiable in water No other data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive properties	Non-explosive
Oxidising properties	Non-oxidizer

9.2. Other information

Not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal temperatures and pressures. The product is reactive with the incompatible materials (please refer section 10.5).

10.2. Chemical stability

Stable under normal temperatures and pressures

10.3. Possibility of hazardous reactions

Hazardous polymerization cannot occur.

10.4. Conditions to avoid

No such conditions known

10.5. Incompatible materials

Strong Lewis or mineral acids, Oxidizing agents, Strong alkalis

10.6. Hazardous decomposition products

Burning may produce irritating, toxic and obnoxious fumes

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Rat Oral LD50 (estimated): >2000 mg/kg bw

Rabbit Dermal LD50 (estimated): >2000 mg/kg bw

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Skin corrosion/irritation:

No data available for the product as such.

Based on Cinnamaldehyde (key component of Cinnamon Oil) available data / information and its resulting GHS classification, the product is expected to be mild skin irritant

Serious eye damage/irritation:

No data available for the product as such.

Based on Cinnamon Oil available data / information and its resulting GHS classification, the product is expected to be eye irritant

Respiratory or skin sensitization:

No data available for the product as such.

Based on the below Cinnamon Oil available data / information and its resulting GHS classification, the product is expected to be skin sensitizer

Germ cell mutagenicity:

No data available for the product as such.

Based on the ingredients' available data, the product is not expected to be mutagen

Carcinogenicity:

No data available for the product as such.

Based on the ingredients' available data, the product is not expected to be carcinogen

Not ingredient is listed by NTP, IARC or OSHA as a carcinogen

Reproductive toxicity:

No data available for the product as such.

Based on the ingredients' available data, the product is not expected to be reproductive toxic

STOT-single exposure: No data available for the product as such.

Based on the ingredients' available data, the product is not expected to have Specific Target Organ toxicity on Single exposure

STOT-repeated exposure: No data available for the product as such.

Based on the ingredients' available data, the product is not expected to have Specific Target Organ toxicity on Repeated exposure

Aspiration hazard: No data available for the product as such.

Based on the ingredients' available data, the product is not expected to be Aspiration Hazard

SECTION 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. Other adverse effects

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No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulation.

SECTION 14: Transport information

The material is not regulated by ADR/RID/IATA/IMDG/US DOT

Regulation	ADR/RID/ADN/ ICAO-TI/IATA/US DOT	IMDG Code
14.1. UN Number	Not Applicable	Not Applicable
14.2. UN proper shipping name	Not Applicable	Not Applicable
14.3. Transport hazard class(es)	Not Applicable	Not Applicable
14.4. Packing group	Not Applicable	Not Applicable
14.5. Environmental hazards	Not Applicable	Not Applicable
14.6. Special precaution for users	Not Applicable	Not Applicable
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not Applicable	Not Applicable

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the mixture

All chemical ingredients are listed on TSCA inventory and designated as Active
The product is FIFRA 25(b) EXEMPTED FROM REGISTRATION

SECTION 16: Other information

Sources of Data/information:

echemportal
Toxnet

Disclaimer:

All information, recommendations and suggestions appearing herein are based upon sources believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for its own use of this product. Privi Life Sciences Private Limited does not assume any liability arising out of the use by others of this product.