



اعتماد الفرمونات والمواد الجاذبة والطاردة والمواد المضافة والمواد ذات التأثير الميكانيكي أو الفيزيائي في
مكافحة الآفات

Approved of Phermions, Attracting materials, Extruding materials, Additives and
Materials with mechanical or physical in pest control

Sustainable Communities Sector Municipal Affairs Department Chemical Section		قطاع المجتمعات المستدامة إدارة الشؤون البلدية قسم الكيماويات
Certificate Number	DXB-APH-11-1527027	رقم الشهادة
Verification Code	152-7027	رمز التحقق
Issue Date of Certification	14-07-2020	تاريخ إصدار الشهادة
Trade Name	Starbar Fly Trap Attractant	الاسم التجاري
Type of Material	Attractants / المواد الجاذبة	نوع المادة
Composition	Powder	التركيبة
Manufacturer	Central Garden and Pet	اسم الشركة المصنعة
Country of origin	United States of America / الولايات المتحدة الأمريكية	بلد المنشأ
Importing Company	Ecovar Trading LLC / Ecovar Trading LLC	الشركة المستوردة



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Starbar Fly Trap Attractant, Starbar Flyrelief Disposable Fly Trap, Starbar Captivator Fly Trap, Starbar Fly Terminator Pro Fly Trap, Starbar Trap 'N Toss Disposable Fly Trap, Starbar Milk Jugg Trap

Safety Data Sheet

Issue date: 11/18/2014

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Supersedes: 08/28/2020

Version: 1.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Name : Starbar Fly Trap Attractant, Starbar Flyrelief Disposable Fly Trap, Starbar Captivator Fly Trap, Starbar Fly Terminator Pro Fly Trap, Starbar Trap 'N Toss Disposable Fly Trap, Starbar Milk Jugg Trap
Synonyms : 100520212; 100520214; 100523455; 100523456; 100523457; 100537225; 100550750; Starbar Fly Attractant; EPA Reg. No.: 89459-11; RF2182

1.2. Recommended use and restrictions on use

Recommended use : Fly attractant.
Restrictions on use : Avoid contact with eyes, skin or clothing. Keep out of reach of children and domestic animals. Do not use or store near heat or open flame.

1.3. Supplier

Central Garden & Pet
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173 - United States
www.starbarproducts.com

1.4. Emergency telephone number

Emergency number : 1-800-347-8272
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin sensitization, category 1B : May cause an allergic skin reaction
Combustible Dust : May form combustible dust concentrations in air

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



GHS07

Signal word (GHS US) : Warning
Hazard statements (GHS US) : May form combustible dust concentrations in air
May cause an allergic skin reaction
Precautionary statements (GHS US) : Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)

Not applicable

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Safety Data Sheet

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Z-9-Tricosene	(CAS-No.) 27519-02-4	1
Inedible Whole Egg Solids	(CAS-No.) 51609-52-0	20.5
Trimethylamine *	(CAS-No.) 593-81-7	0.6
Indole	(CAS-No.) 120-72-9	0.2
Proprietary disaccharide	(CAS-No.) 57-50-1	52.28
Non-hazardous and/or does not meet criteria for classification	(CAS-No.) N/A	Balance

Comments : * Generated from trimethylamine HCL 1.00%

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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 and attention.
- First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : May cause an allergic skin reaction in individuals with a sensitivity to Z-9- Tricosene.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Use water fog, alcohol resistant foam, carbon dioxide, or dry chemical.
- Unsuitable extinguishing media : Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

- Explosion hazard : Dust cloud can be ignited by a spark. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
- Reactivity : This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Ventilate closed spaces before entering. Eliminate ignition sources.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel. No flames, no sparks. Eliminate all sources of ignition.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.

Starbar Fly Trap Attractant, Starbar Flyrelief Disposable Fly Trap, Starbar Captivator Fly Trap, Starbar Fly Terminator Pro Fly Trap, Starbar Trap 'N Toss Disposable Fly Trap, Starbar Milk Jugg Trap

Safety Data Sheet

Emergency procedures : Contain spill and monitor for excessive dust accumulation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering. Turn off electric power to area. As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions. Evacuate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Use appropriate PPE. Sweep or scoop spills, dispose of any unusable material in approved landfill. Non-sparking tools should be used. Minimize generation of dust.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Avoid dust formation. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Keep away from ignition sources. Keep container tightly closed.

Incompatible materials : Heat, sparks, open flame. Strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Proprietary disaccharide (57-50-1)		
ACGIH	ACGIH OEL TWA	10 mg/m ³
ACGIH	Remark (ACGIH)	Dental erosion
OSHA	OSHA PEL TWA [1]	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
NIOSH	NIOSH REL TWA	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)

8.2. Appropriate engineering controls

Appropriate engineering controls : Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Not required for normal conditions of use

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Not required for normal conditions of use

Starbar Fly Trap Attractant, Starbar Flyrelief Disposable Fly Trap, Starbar Captivator Fly Trap, Starbar Fly Terminator Pro Fly Trap, Starbar Trap 'N Toss Disposable Fly Trap, Starbar Milk Jugg Trap

Safety Data Sheet



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pale brown to pale yellow granular solid
Color	: Pale brown to pale yellow
Odor	: Fish like
Odor threshold	: No data available
pH	: Not applicable
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Non-flammable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 0.77 g/cc
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosion limits	: Not applicable
Explosive properties	: Combustible dust
Oxidizing properties	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Starbar Fly Trap Attractant, Starbar Flyrelief Disposable Fly Trap, Starbar Captivator Fly Trap, Starbar Fly Terminator Pro Fly Trap, Starbar Trap 'N Toss Disposable Fly Trap, Starbar Milk Jugg Trap

Safety Data Sheet

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Starbar Fly Trap Attractant, Starbar Flyrelief Disposable Fly Trap, Starbar Captivator Fly Trap, Starbar Fly Terminator Pro Fly Trap, Starbar Trap 'N Toss Disposable Fly Trap, Starbar Milk Jugg Trap

LD50 oral rat > 5000 mg/kg (female rats)

GHS-US Properties	Classification
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

Potential health effects

Inhalation

Acute : Under normal conditions of use, no health effects are expected.

Skin

Acute : May cause an allergic reaction in individuals with a sensitivity to Z-9-Tricosene.

Eye

Acute : Under normal conditions of use, no health effects are expected.

Ingestion

Acute : Under normal conditions of use, no health effects are expected.

Mutagenicity : Not classified.

Carcinogenicity : Not classified.

Reproductive Effects : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

Z-9-Tricosene (27519-02-4)	
LC50 Acute fish 1	> 1000 mg/l (Exposure time: 96h - Rainbow trout)
LC50 Acute fish 2	> 1000 mg/l (Exposure time: 96h - Blue gill)
EC50 - Crustacea [1]	1.08 mg/l (Exposure time: 48h Daphnia)

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

No data available

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Safety Data Sheet

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
IMDG	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
IATA	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Z-9-Tricosene (27519-02-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Trimethylamine * (593-81-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Indole (120-72-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Proprietary disaccharide (57-50-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA Labelling	
EPA Registration Number	89459-11
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.	
FIFRA Hazard statements	Caution
FIFRA Precautionary statements	KEEP OUT OF REACH OF CHILDREN.

15.2. US State regulations

No additional information available

SECTION 16: Other information

Issue date : 18 November 2014
Revision date : 01 June 2023
Supersedes : 28 August 2020

Indication of changes:

Revised Sec.1: Revised material number(s). Revised Sec. 1: Revised material name(s).

SDS US (GHS HazCom 2012) - CGP

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