

1. Identification

1.1. Product identifier

Product Identity

STAY AWAY MOTHS

Alternate Names

Fresh Cab Moth Deterrent

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

Intended use

See Technical Data Sheet.

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

EARTHKIND, LLC

346-D East Plaza Drive

Mooresville, NC 28115,
Tel: 701-751-4456

Emergency

24 hour Emergency Telephone No.

For Medical, Transportation or Other Emergency Call **
1-800-583-2921 or 701-721-4839

Customer Service: EARTH-KIND, LLC

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 3;H316 Causes mild skin irritation. (Not adopted by US OSHA)

Eye Dam. 2B;H320 Causes eye irritation.

STOT SE 3;H335 May cause respiratory irritation.

Combustible Dust May form combustible dust concentrations in air.

2.2. Label elements



Warning

H316 Causes mild skin irritation.

H320 Causes eye irritation.

H335 May cause respiratory irritation.

May form combustible dust concentrations in air.



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[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P240 Ground / bond container and receiving equipment.
P241 Use explosion-proof electrical / ventilating / light / equipment.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P332+313 If skin irritation occurs: Get medical advice / attention.
P337+313 If eye irritation persists: Get medical advice / attention.
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Corn cobs carrier/ filler CAS Number: Proprietary	75 - 100	Skin Irrit. 3;H316 Eye Dam. 2B;H320 STOT SE 3;H335 Combustible Dust	[1]
Cedarwood Oil CAS Number: 0008000-27-9	5 - 10	Asp. Tox. 1;H304 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]
Geranium Oil CAS Number: 0008000-46-2	0 - 5	Skin Irrit. 2; Eye Irrit. 2; H315, H319	
Geraniol CAS Number: 106-24-1	0 - 5	Skin irrit 2, H315 Eye damage 1, H318 Skin Sens1, H317	[1]
Sunflower oil CAS Number: 0008001-21-6	0 - 5	Not Classified	[1]
Oils, almond CAS Number: 0008007-69-0	5 - 10	Not Classified	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.



[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. If exposure to fumes causes a headache or dizziness, move to a well ventilated area and discard product.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	The compound is not likely to be hazardous by ingestion

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

Overview	Not expected to present a significant hazard under anticipated conditions of normal use. Treat symptomatically. See section 2 for further details.
Inhalation	May cause respiratory irritation.
Eyes	Causes eye irritation.
Skin	Causes mild skin irritation.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Water, spray foam, carbon dioxide (CO₂), dry chemical

5.2. Special hazards arising from the substance or mixture

Handle using good hygiene practices. Wash hands after handling product. Avoid contact with eyes and skin. Keep away from ignition sources.

Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.

Hazardous decomposition: Burning produces carbon monoxide and carbon dioxide.

Prevent entry to sewers and public waters.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters



Keep out of smoke. Fight fire from upwind position. Use self-contained breathing apparatus and protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

Dust explosions are possible.

ERG Guide No.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Handle using good hygiene practices. Wash hands after handling product. Avoid contact with eyes and skin. Keep away from ignition sources.

Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Handle using good hygiene practices. Wash hands after handling product. Avoid contact with eyes and skin. Keep away from ignition sources.

Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.

Sweep or vacuum to clean up spills. Do not use any procedure which causes dispersion of dust into the air if any possibility of ignition exists. Dispose of in accordance with local, state and federal regulations.

Section 7. Handling and storage

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Avoid dust generation when handling product to minimize dust explosion potential.

Handle using good hygiene practices. Wash hands after handling product. Spilled material can be slippery and cause falls if walked on.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

Store in a cool dry place, out of the reach of children. Avoid temperatures above 60°C. Avoid strong oxidizing agents. Keep away from open flames and ignition sources.

Incompatible materials: No data available.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.



Section 8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0008001-21-6	Sunflower oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0008007-69-0	Oils, almond	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0008000-27-9	Cedarwood Oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0008000-46-2	Geranium Oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
106-24-1	Geraniol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Corn cobs carrier/ filler	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

8.2. Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
Skin	Not Required
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.



Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Tan granular product Solid
Odor	Fresh herbal scent
Odor threshold	Not determined
pH	N/A
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	43 lb/cu ft
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	N/A

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products



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Burning produces carbon monoxide and carbon dioxide.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Corn cobs carrier/ filler - (Proprietary)	---	---	---	---	---
Cedarwood Oil - (8000-27-9-0)	---	---	---	---	---
Geranium Oil – (8000-46-2)	---	---	---	---	---
Geraniol – (106-24-1)	---	---	---	---	---
Sunflower oil - (8001-21-6)	---	---	---	---	---
Oils, almond - (8007-69-0)	---	---	---	---	---

Carcinogen Data

CAS No.	Ingredient	Source	Value
0008001-21-6	Sunflower oil	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008007-69-0	Oils, almond	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008000-27-9	Cedarwood Oil	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008000-46-2	Geranium Oil	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
106-24-1	Geraniol	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Corn cobs carrier/ filler	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;



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Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (Not adopted by US OSHA)
Serious eye damage/irritation	2B	Causes eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Section 12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Corn cobs carrier/ filler - (Proprietary)	Not Available	Not Available	Not Available
Cedarwood Oil - (8000-27-9)	Not Available	Not Available	Not Available
Geranium Oil – (8000-46-2)	Not Available	Not Available	Not Available
Geraniol – (106-24-1)	Not Available	Not Available	Not Available
Sunflower oil - (8001-21-6)	Not Available	Not Available	Not Available
Oils, almond - (8007-69-0)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects



No data available.

Section 13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Regulated	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No;		
14.6. Special precautions for user	No further information		

Section 15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS 1988 Classification	D2B
US EPA Tier II Hazards	Fire: Yes Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):



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To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Section 16. Other information

**Federal Insecticide
Fungicide and
Rodenticide Act
(FIFRA)**

This product is exempt from registration by the Environmental Protection Agency but is still subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H320 Causes eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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