

Safety Data Sheet

According to OSHA HCS (29 CFR § 1910.1200(g)) as Published in the Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012

1 IDENTIFICATION

Product Identifier:

Product Name:
Product Code:
Formula Number: 040115-3-A-SNE (CONC)
Synonyms: N/A: Product is a proprietary herb-based soap mixture.

Distributor Information:

Toll Free:
Phone:
Fax:
Email:
Website:

Emergency Phone Numbers:

Recommended Use: This product is a water-dilutable animal repellent spray concentrate.
Use Restrictions: Use only according to label directions and precautionary statements. Do not use in/on/around electrical equipment due to the possibility of shock hazard.

2 HAZARDS IDENTIFICATION

Hazard Classification: This mixture is considered hazardous by the 2012 OSHA Communication Standard (29 CFR 1910.1200).
Skin sensitization: Category 1

GHS Label Elements:

Signal Word:

Hazards Statements:

Warning

May cause an allergic skin reaction.



Precautionary Statements:

Prevention:

Avoid breathing mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.

Response:

If on Skin: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention.
Wash contaminated clothing before reuse.

Storage:

None.

Disposal:

Dispose of contents/container to an approved waste disposal plant.

Hazards Not Otherwise Classified: Not applicable.

Unknown Toxicity: 19.7409% of the mixture consists of ingredient(s) of unknown toxicity.

Other Information: Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Interactions with Other Chemicals: No information available.

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3 COMPOSITION / INFORMATION ON INGREDIENTS

Active Ingredients: 14.720% Cornmint Oil (CAS No. 68917-18-0), 0.480% Thyme Oil (CAS No. 8007-46-3) and 0.032% Cottonseed Oil (CAS No. 8001-29-4).

Inert Ingredients: 84.7680% Proprietary mixture of Palmitic Acid (CAS No. 57-10-3), Stearic Acid (CAS No. 57-11-4), Sodium Chloride (CAS No. 7647-14-5), Potassium Stearate (CAS No. 593-29-3), Myristic Acid (CAS No. 544-63-8), Lecithins (CAS No. 8002-43-5), Glycerin (CAS No. 56-81-5), Hydroxypropyl Methyl Cellulose (CAS No. 9004-65-3), Polyglyceryl Oleate (CAS No. 9007-48-1), Potassium Oleate (CAS No. 143-18-), Soap (CAS No. N/A) and Water (CAS No. 7732-18-5).

Exact percentages of Inert Ingredients are withheld as a trade secret.

4 FIRST-AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance.

Eye Contact: Thoroughly rinse with plenty of water and under the eyelids. Contact a physician if irritation persists.

Skin Contact: Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reaction, see a physician.

Inhalation: Move to fresh air.

Ingestion: Immediately rinse mouth and drink plenty of water. Do not give anything by mouth to an unconscious person.

Most Important Symptoms and Effects: Itching. Rashes. Hives.

Note to Physician: May cause sensitization in susceptible persons. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from this Mixture: Contains a sensitizer; may cause sensitization by skin contact.

Uniform Fire Code: Sensitizer: Liquid

Hazardous Combustion Product(s): Carbon oxides.

Sensitivity to Mechanical Impact: No.

Sensitivity to Static Discharge: No.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions: Refer to protective measures listed in Sections 7 and 8.

Containment Methods: Prevent further leakage or spillage if safe to do so.

Cleanup Methods: Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7 HANDLING AND STORAGE

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Storage Recommendations: Keep containers tightly closed in a cool, dry and well-ventilated place. Store locked up. Keep out of the reach of children.

Incompatible Products: None known.

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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters - Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin (56-81-5)	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	-

ACGIH TLV: American Conference of Governmental Industrial Hygienists Threshold Limit Value; **OSHA PEL:** Occupational Safety and Health Administration Permissible Exposure Limits; **NIOSH IDLH:** National Institute of Occupational Safety and Health Immediately Dangerous to Life or Health.

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 995 F.2d 962 (11th Cir., 1992).

Appropriate Engineering Controls – Engineering Measures: Showers; eyewash stations; ventilation systems.

Individual Protection Measures – Personal Protective Equipment:

Eye/Face: Wear safety glasses with side shields or goggles. None required for consumer use.

Skin/Body: Wear protective gloves and protective clothing.

Respiratory: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9 PHYSICAL AND CHEMICAL PROPERTIES

Auto-ignition temperature:	N/A	Partition coefficient: n-octanol/water:	N/D
Color:	Clear to light yellow	pH:	7
Decomposition temperature:	N/D	Physical state:	Liquid
Evaporation rate:	N/D	Relative density:	0.9
Flammability (solid, gas):	N/A	Solubility(ies):	Complete in water
Flash point:	N/A	Upper/lower explosive limits:	N/A
Freezing point:	N/D	Upper/lower flammability limits:	N/A
Initial boiling point and range:	N/D	Vapor pressure:	N/D
Melting point:	N/A	Viscosity:	N/D
Odor:	Mild herbal aroma	N/A = Not Applicable	N/D = Not Determined

10 STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing.

Hazardous Polymerization: Does not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Carbon oxides.

11 TOXICOLOGICAL INFORMATION

No toxicological data are available for this mixture. Information on likely routes of exposure:

Product Information:

Inhalation: Specific test data for the mixture is not available.

Eye Contact: Specific test data for the mixture is not available.

Skin Contact: Specific test data for the mixture is not available.

Ingestion: Specific test data for the mixture is not available.

Component Information

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According to OSHA HCS (29 CFR § 1910.1200(g)) as Published in the Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Cornmint Oil (68917-18-0)	= 1240 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Potassium Oleate (143-18-0)	> 5 g/kg (Rat)	> 2 g/kg (Rat)	-
Glycerin (56-81-5)	+ 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m ³ (Rat) 1 hr
Myristic Acid (544-63-8)	> 10 g/kg (Rat)	-	-

Information on Toxicological Effects: Symptoms: itching; rashes; and hives.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization: May cause sensitization in susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects: No information available.

Carcinogenicity: Contains no ingredient listed as a carcinogen.

Reproductive Toxicity: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Chronic Toxicity: No known effect based on information supplied.

Target Organ Effects: Eyes, skin, kidney, respiratory system.

Aspiration Hazard: No information available.

Numerical Measures of Toxicity – Product Information:

The following value is calculated based on Chapter 3.1 of the GHS document:

ATEmix (oral): 6689 mg/kg

12 ECOLOGICAL INFORMATION (NON-MANDATORY)

Exotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	<i>Daphnia magna</i> (water flea)
Glycerin (56-81-5)		96h LC50: 51 - 57 mL/L (<i>Oncorhynchus mykiss</i>)		24h EC50: > 500 mg/L
Myristic Acid (544-63-8)		96h LC50: = 118 mg/L (<i>Oryzias latipes</i>)		16h EC50: > 27 mg/L

Persistence and Degradability: No information available.

Bioaccumulation

Chemical Name	Log Pow
Glycerin (56-81-5)	-1.76
Myristic Acid (544-63-8)	5.9

Other Adverse Effects: No information available.

13 DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional or local regulations for additional requirements.

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

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14 TRANSPORT INFORMATION (NON-MANDATORY)

This product is not regulated for transport.

15 REGULATORY INFORMATION (NON-MANDATORY)

This product has not been registered by the United States Environmental Protection Agency. The company identified in Section 1 represents that this product qualifies for exemption from registration under FIFRA Sec. 25(b).

International Inventories: **TSCA:** Complies **DSL:** All components are listed either on the DSL or NDSL
TSCA: United States *Toxic Substances Control Act* Section 8(b) Inventory; **DSL/NDL:** Canadian *Domestic Substances List/Non-Domestic Substances List*

U.S. Federal Regulations:

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 ("SARA"). This product does not contain any chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 313.312 Hazard Categories:

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the CWA (40 CFR 122.21 and 122.42).

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): This material does not contain any substances regulated as hazardous under CERCLA (40 CFR 302).

SARA (Superfund Amendments and Reauthorization Act): This material does not contain any substances regulated as hazardous under SARA (40 CFR 355).

There may be specific requirements at the local, regional or state level pertaining to releases of this material.

U.S. State Regulations:

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Illinois	Massachusetts	New Jersey	Pennsylvania	Rhode Island
Glycerin (56-81-5)		X	X	X	X

International Regulations:

Mexico National Occupational Exposure Limits

Chemical Name	Carcinogen Status	Exposure Limits
Glycerin (56-81-5)	-	10 mg/m ³ (mist) TWA

Mexico – Occupational Exposure Limits – Carcinogens

Canada WHMIS Class: Not Determined

16 OTHER INFORMATION

NFPA: Health Hazards: 2 Flammability: 0 Instability: 0 Physical and Chemical Hazards-Personal Protection: X
HMIS: Health Hazards: 2 Flammability: 0 Instability: 0 Physical and Chemical Hazards-Personal Protection: X

SDS Information:

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Number: 040115 C
Date Prepared: 08/26/2016
Version: 1

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, process, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific designated material and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.