MURPHY'S NATURALS MOSQUITO REPELLANT INCENSE STICK

SAFETY DATA SHEET

•SECTION 1 – MANUFACTURER AND PRODUCT IDENTIFICATION•

Murphy's Naturals, Inc
1053 E. Whitaker Mill Road
Raleigh, NC 27604

EMERGENCY NUMBER: 800-424-9300
(24 HOURS) Chemrec
INFORMATION NUMBER: 888-314-5109
(BUSINESS HOURS)

PRODUCT NAME: Murphy's Naturals Mosquito Repellent Incense Stick

RECCOMENDED USE: Mosquito Repellant Incense

DATE CREATED: 03-Oct-2024

REVISION DATE: 13-Feb-2025

VERSION: 2

•SECTION 2 – HAZARDS IDENTIFICATION•

This product in its current state is not considered a hazardous substance per FHSA, 15 U.S.C. 1261–1278, nor do any of the components met the definition for a "strong sensitizer" under this Act. Therefore, precautionary labeling is not required on product sold for consumer use.

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling, shipping, disposal, and proper use of the product in a workplace setting.

GHS Hazard Classification and Category:

- Skin Sensitization – Category 1
- Eye Irritation – Category 2
- Specific target organ toxicity, single exposure – Category 2 (central nervous system)
- Hazardous to the aquatic environment, with long lasting effects – Category 2

GHS Pictogram	
Signal Word	**WARNING**

Hazard Statements	H315 H319 H371 H411	May cause an allergic skin reaction. Causes serious eye irritation. May cause damage to the central nervous system. Toxic to aquatic life with long lasting effects.
Precautionary Statements - Prevention	P261 P264 P270 P272 P273 P280	Avoid breathing fumes. Wash hands and skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves and eye/face protection.
Precautionary Statements – Response	P333+P313 P363 P305+P351+ P338 P337+P313 P308+P311 P321	IF SKIN irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. 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 or attention. If exposed or concerned: Call a poison center or doctor. Specific treatment first aid treatment can be found in Section 4 – First Aid Procedures.
Precautionary Statements – Storage	P405	Store locked up.
Precautionary Statements - Disposal	P501	Dispose of contents and container in accordance with local, regional, national, and international regulations.

•SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS•

Chemical name	CAS Number	Content (w/w)
Rosemary Oil	8000-25-7	4.50%
Peppermint Oil	8006-90-4	2.00%
Citronella Oil	8000-29-1	1.50%
Lemongrass Oil	8007-02-1	1.00%
Cedarwood Oil	68990-83-0	1.00%

•SECTION 4 – FIRST AID PROCEDURES•

General advice:	In case of any accident or if you feel unwell, seek medical advice; show the label if possible. If exposed or concerned: Call a poison center or doctor.
If inhaled:	Avoid breathing fumes. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist seek medical attention.
If on skin:	Wash thoroughly with soap and water. Get medical attention if skin irritation or rash occurs:
If in eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation persists.
If swallowed:	Call a poison center or doctor. Do NOT induce vomiting.

•SECTION 5 – FIRE FIGHTING MEASURES•

Suitable extinguishing media:	Dry powder, alcohol resistant foam, carbon dioxide. Do not use water.
Unsuitable extinguishing media for safety reasons:	Water jets may cause the fire to spread as oils are insoluble in water.

Hazards during firefighting:	Combustion of product may produce irritating, corrosive, or toxic gases. Product contains combustible liquid oils, avoid sources of ignition such as heat, sparks, and open flame.
Protective equipment for firefighting:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Fight fire from a safe distance and stay upwind. Do not allow extinguishing spray to reach ground water or sewage system.

•SECTION 6 – ACCIDENTAL RELEASE MEASURES•

Personal precautions:	Use appropriate personal protective equipment when cleaning any spill.
Environmental precautions:	Do not allow product to enter sewers, surface, or ground water. Collect spillage.
Cleanup:	None noted.
Methods and material for containment and cleaning up:	Extinguish all ignition sources. Use proper ventilation. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

•SECTION 7 – HANDLING AND STORAGE•

General handling advice:	Ensure adequate ventilation. Avoid breathing fumes. Do not allow contact with eyes. Avoid contact with skin and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment in a work setting. Contaminated work clothing must not be allowed out of the workplace and should be washed before reuse.
General storage advice:	Store in a well-ventilated place. Keep cool. Store locked up.
Incompatible materials:	Strong bases and strong acids.

•SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION•

Occupational exposure limits:	No exposure limits have been established for individual product components or the product as a whole.
Engineering controls:	Provide adequate ventilation to minimize the risk of inhalation of vapors.
Personal Protective Equipment:	
Respiratory protection:	Use appropriate respiratory protection if breathing becomes difficult.
Hand protection:	Wear appropriate workplace clothing.
Eye protection:	Safety googles, other eye protection, or face shield may be appropriate when working with larger amounts.
General safety and hygiene measures:	Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink, or smoke when using this product.

•SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES•

Appearance	Solid sawdust stick containing essential oils
Odor	Citrus-like; mildly fragrant
Odor Threshold	No specific data available.
pH	No specific data available.
Melting Point	No specific data available.
Freezing Point	No specific data available.
Boiling Point	No specific data available.
Boiling Range	No specific data available.
Flash Point	> 200º F
Evaporation Rate	No specific data available.

Flammability	No specific data available.
Upper explosive limit (UEL)	No specific data available.
Lower explosive limit (LEL)	No specific data available.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Specific gravity	No specific data available.
Solubility	No specific data available.
Partition coefficient	No specific data available.
Autoignition temperature	No specific data available.
Decomposition temperature	No specific data available.
Viscosity	Not applicable.

•SECTION 10 – STABILITY AND REACTIVITY•

Reactivity:	The product is stable and non-reactive under recommended conditions of use. Vapors could evaporate from exposed material; keep locked up.
Chemical stability:	Material is stable under recommended conditions of use.
Hazardous reactions:	No dangerous reactions known under recommended conditions of use.
Conditions to avoid:	Product contains combustible liquid oils, avoid sources of ignition such as heat, sparks, and open flame.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products:	No specific data available but may include and are not limited to oxides of carbon.

•SECTION 11 – TOXICOLOGIAL INFORMATION•

The chemical, physical and toxicological properties of this mixture have not been characterized.

Information on likely routes of exposure:	
Inhalation:	Avoid breathing fumes or gas.
Skin contact:	Causes skin irritation. May cause an allergic skin reaction.
Eye contact:	Causes serious eye irritation.
Ingestion:	May be fatal if swallowed.
Information on other toxicological effects:	May cause damage to central nervous system through single oral exposure.
Carcinogenicity:	No components of this products are classified as a carcinogen by NTP, IARC, or EPA.
Mutagenicity:	No specific data available.
Reproductive toxicity:	No specific data available.

•SECTION 12 – ECOLOGICAL INFORMATION•

The full environmental and ecological aspects of this material have not been characterized.

Ecotoxicity:	This product contains components that are classified as toxic to aquatic life with long lasting effects. Avoid discharge to the environment and collect spillage.
Persistence and degradability:	Possible hazardous short term degradation products are not expected, however long-term degradation products may arise.
Bioaccumulative potential:	Accumulation in aquatic organisms is expected.
Mobility in soil:	No specific data available.
Mobility in general:	No specific data available.
Other adverse effects:	No specific data available.

•SECTION 13 – DISPOSAL CONSIDERATIONS•

Waste disposal of substance:	Dispose of contents and container in accordance with local, regional, national, and international regulations. Containers with any waste must be properly labelled with correct contents and hazard symbol. Waste may be flammable, take precautions to avoid ignitions. Do not allow waste to enter waterways, components are known to be environmentally hazardous.

•SECTION 14 – TRANSPORT INFORMATION•

US Department of Transportation (DOT):

UN Number	UN3082
Proper Shipping name	Environmentally hazardous substance, liquid, n.o.s (rosemary oil)
Hazard Class	9
Packing Group	III
Label Codes	9
Marine pollutant	Yes

International Air Transport Association (IATA) / International Civil Aviation Organization (ICAO):

UN Number	UN3082
Proper Shipping name	Environmentally hazardous substance, liquid, n.o.s (rosemary oil)
Hazard Class	9
Packing Group	III
Label Codes	9
Marine pollutant	Yes

International Maritime Dangerous Goods (IMDG):

UN Number	UN3082
Proper Shipping name	Environmentally hazardous substance, n.o.s (rosemary oil)
Hazard Class	9
Packing Group	III
Label Codes	9
Marine pollutant	Yes

•SECTION 15 – REGULATORY INFORMATION•

All components of this product are listed as “Active” on the Toxic Substances Control Act (TSCA) Inventory.

This product is classified as a Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) Minimum Risk Pesticide per FIFRA Section 25(b). This product is exempted from EPA federal pesticide registration requirements.

•SECTION 16 – OTHER INFORMATION•

DISCLAIMER: This SDS provides a brief summary of the physical and chemical characteristics of this product to guide usage and handling of the material. It is not a comprehensive document on worldwide hazard communication regulations. It is compiled from sources considered valid and accurate.

----------**END of SDS**----------