
1. IDENTIFICATION

Product Name	Odorizer Fluid – Wintergreen Oil
Recommended use of the chemical and restrictions on use	
Identified uses	Odorizing agent
Restrictions on use	For use in fire suppression systems only
Company Identification	Kidde-Fenwal, LLC 400 Main Street Ashland, MA 01721 USA
Customer Information Number	(508) 881-2000
Emergency Telephone Number	
CHEMTREC Number	(800) 424-9300 (703) 527-3887 (International)
Issue Date	July 9, 2024
Supersedes Date	December 17, 2019

Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200), the Canadian Hazardous Products Regulations (HPR) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARD IDENTIFICATION

Hazard Classification

Acute Toxicity (Oral): Category 4
Serious eye damage/eye irritation: Category 2A
Skin corrosion/irritation: Category 2

Label Elements

Hazard Symbols



Signal Word: Warning

Hazard Statements

Harmful if swallowed.
Causes serious eye irritation.
Causes skin irritation.

Precautionary Statements

Prevention

Wash hands thoroughly after handling.
Wear protective gloves, eye protection and face protection.
Do not eat drink or smoke when using this product.

2. HAZARD IDENTIFICATION

Response

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.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

If swallowed: Call a poison center or doctor/physician if you feel unwell. Rinse mouth.

Storage

None

Disposal

Dispose of contents/container in accordance with local regulation.

Other Hazards

None

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	0%
Acute dermal toxicity	0%
Acute inhalation toxicity	100%
Acute aquatic toxicity	100%

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Component	CAS Number	Concentration
Wintergreen Oil*	68917-75-9	100%

*Natural wintergreen oil contains approximately 98% methyl salicylate.

4. FIRST- AID MEASURES

Description of necessary first-aid measures**Eyes**

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if irritation persists.

Ingestion

Do not induce vomiting without medical advice. Obtain medical attention.

Inhalation

Move victim to fresh air. Obtain medical attention immediately for any breathing difficulty.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

4. FIRST- AID MEASURES

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Suitable Extinguishing Media

Use foam, dry chemical or carbon dioxide. Use water spray for surroundings and containers.

Specific hazards arising from the chemical

May be combustible at high temperatures. May be ignited by heat, sparks or flames.

Special Protective Actions for Fire-Fighters

Wear full protective clothing and self-contained breathing apparatus as appropriate for specific fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing. Prevent skin and eye contact. Remove leaking container to a safe place. Ventilate the area. Remove all sources of ignition.

Environmental Precautions

Prevent large quantities of the material from entering drains or watercourses.

Methods and materials for containment and cleaning up

Contain and absorb using appropriate inert material and transfer into suitable containers for recovery or disposal. Eliminate all sources of ignition.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate protective clothing. Prevent skin and eye contact. Do not eat or drink while handling this material.

Conditions for safe storage

Store in original container tightly closed. Storage area should be: - cool - dry - well ventilated - under cover - out of direct sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Wintergreen Oil

None assigned.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. Use only with adequate ventilation.

Individual protection measures

Respiratory Protection

Wear respiratory protection if there is a risk of exposure to high vapor concentrations or aerosols. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

Skin Protection

Chemical resistant gloves

Eye/Face Protection

Chemical goggles

Body Protection

Long sleeve clothing and chemical resistant apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

	Physical State	Liquid
	Color	Colorless, reddish yellow
Odor		Wintergreen
Odor Threshold		No data available
pH		No data available
Specific Gravity		1.18 – 1.185 @ 25°C
Boiling Range/Point (°C/F)		220 - 224°C/428 – 435.2°F
Melting Point (°C/F)		-8.6°C/16.5°F
Flash Point (CC) (°C/F)		96°C/204.8°F
Vapor Pressure		<0.1 kPa @ 20°C
Evaporation Rate (BuAc=1)		No data available
Solubility in Water		0.74%
Vapor Density (Air = 1)		5.25
VOC (g/l)		No data available
Partition coefficient (n-octanol/water)		No data available
Viscosity		No data available
Auto-ignition Temperature		454°C/849.2°F
Decomposition Temperature		No data available
Upper explosive limit		No data available
Lower explosive limit		No data available
Flammability (solid, gas)		Not applicable

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical Stability

Stable under normal conditions.

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Contact with incompatible materials - heat, sparks, flames - high temperatures - sources of ignition

Incompatible Materials

Alkalis – oxidizing agents

Hazardous Decomposition Products

Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Wintergreen oil

Oral LD50 (Rat) 887 mg/kg (Methyl salicylate CAS 119-36-8)

Dermal LD50 (Rabbit) >5000mg/kg (Methyl salicylate CAS 119-36-8)

Specific Target Organ Toxicity (STOT) – single exposure

No relevant studies identified.

Specific Target Organ Toxicity (STOT) – repeat exposure

Wintergreen oil as methyl salicylate: In repeated dose dermal toxicity and chronic dietary studies in animals, some adverse effects were observed but at levels that do not meet classification requirements under GHS.

Serious Eye damage/Irritation

Wintergreen oil as methyl salicylate: Causes serious eye irritation and may cause eye damage.

Skin Corrosion/Irritation

Causes moderate to severe skin irritation and can be absorbed through skin.

Respiratory or Skin Sensitization

No relevant studies identified.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

Mutations in microorganisms: Experiments with bacteria and/or yeast have shown mutagenic effects which do not meet classification requirements under GHS.

Reproductive Toxicity

Caused adverse developmental effects in animal studies at a dose 5 times the lethal adult human dose on a mg/kg basis and therefore would not be classified as a reproductive toxicant.

Aspiration Hazard

No relevant studies identified.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No relevant studies identified.

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.

Other adverse effects

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of container in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data	Not Regulated
UN Proper Shipping Name	Not Regulated
UN Class	None.
UN Number	None.
UN Packaging Group	None.
Classification for AIR Transportation (IATA)	Not Regulated
Classification for Water Transport IMDG	Not Regulated

15. REGULATORY INFORMATION

United States TSCA Inventory

This product contains ingredients that are listed on the EPA Toxic Substance Control Act Chemical Substance Inventory.

Canada DSL Inventory

All ingredients in this product are listed on the Domestic Substance List (DSL).

SARA Title III Sect. 311/312 Categorization

Serious eye irritation, Skin irritation, Acute toxicity (oral)

SARA Title III Sect. 313

This product contains the following chemicals listed in Section 313 at or above de minimis concentrations:
None

16. OTHER INFORMATION

Legend

ACGIH: American Conference of Governmental Industrial Hygienists

CAS#: Chemical Abstracts Service Number

EC50: Effect Concentration 50%

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

N/A: Denotes no applicable information found or available

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

Revision Date: July 9, 2024

Replaces: December 17, 2019

Changes made: Updated Company Name.

Information Source and References

This SDS is prepared by Kidde-Fenwal, LLC based on information provided by internal company references.

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