SAFETY DATA SHEET
Odorizer Fluid – Wintergreen Oil

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, Inc. 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	December 17, 2019
Supersedes Date	This is the first issue.

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: December 17, 2019
Replaces: This is the first issue.
Changes made: Not applicable.

Information Source and References
This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

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