



Safety Data Sheet

MEDLINE FRESH ODOR ELIMINATORS SPRAY

Section 1. Identification

Product Identifier	MEDLINE FRESH ODOR ELIMINATORS SPRAY		
Synonyms	MF553; MF551; MSD_SDS0222		
Manufacturer Stock Numbers	MF553; MF551		
Recommended use	Air freshener spray.		
Uses advised against	None identified.		
Manufacturer Contact			
Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300	(847) 643-4436
		CHEMTREC CHEMTREC	
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 3 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD -Category 4 SENSITIZATION - EYE/SKIN - Category 1B
Signal Word	Warning

Pictogram



Hazard Statements

Flammable liquid and vapor
May cause an allergic skin/eye reaction
May cause long lasting harmful effects to aquatic life

Precautionary Statements

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
In case of fire: Use dry chemical, CO₂, water spray or alcohol resistant foam to extinguish.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Avoid release to the environment
Keep away from heat/ open flames/ hot surfaces. No smoking.
Take precautionary measures against static discharge.
Use personal protective equipment as required.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

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

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
PROPRIETARY	Essential Oil Blend	1% - 3%
64-17-5	Ethyl alcohol	<10.0 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Advice:

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Eye Contact	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 min. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention if irritation develops and persists.
Skin Contact:	Remove contaminated clothing and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth thoroughly with water. If large amounts are swallowed, seek medical attention.
Most important symptoms and effects, both acute and delayed:	May cause a mild skin/eye irritation. May cause an allergic skin reaction in sensitive individuals. Inhalation of mists may cause mild respiratory irritation.
Indication of any immediate medical attention and special treatment needed:	None expected.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water spray, Dry Chemical, Alcohol-resistant foam or Carbon Dioxide (CO2)
Unsuitable Extinguishing Media	N.A.
Unusual Fire and Explosive Hazards:	Combustible liquid and vapor.
Unusual Fire and Explosion Hazards:	Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back. Vapors will collect in low areas. Vapors may be ignited by static sparks. Flames may be visible in daylight.
Unusual Fire and Explosive Hazards:	Burning may produce oxides of carbon.
Special Fire Fighting Procedures:	Self contained breathing apparatus and full protective clothing recommended.
Special Fire Fighting Procedures:	Move container from fire area if you can do it without risk. Cool fire-exposed containers with water spray.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Keep unnecessary personnel away, Ventilate the area. Eliminate sources of heat and ignition. Do not touch or walk through spilled material. Stop flow of material, if this is without risk. Wear personal protection as described in Section 8 of this SDS.
Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Flammable Large Spill:	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Never return spills to original container for re-use.

Environmental
Precautions:

Do not flush into surface water or sanitary sewer system. Should not be released into the environment

Section 7. Handling and Storage

Handling Flammable:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/ fumes/ vapor/ spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage Flammable:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Essential Oil Blend	N/A	N/A	N/A
	Ethyl alcohol	STEL: 1,000 ppm Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	TWA: 1,000 ppm >1,900mg/mm3 29 CFR 1910.1000 Table Z-1 Limits	N/A
Personal Protective Equipment	Goggles, Gloves			
Eye Protection:	None required under normal use conditions. Applicable for industrial settings only: Chemical goggles recommended.			
Skin Protection:	None required under normal use conditions. Applicable for industrial settings only: Protective gloves recommended.			
Respiratory Protection:	None required under normal use conditions.			
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.			
Engineering Controls:	Ventilation: General room ventilation sufficient to maintain exposure below excessive concentrations.			
Other Protective Equipment:	None required under normal use conditions. Applicable for industrial settings only: Use personal protective equipment as required.			

Section 9. Physical and Chemical Properties

Physical State

Liquid

Color	Clear water-like fluid in pump spray container
Odor	Characteristic
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.A.
Specific Gravity	0.97
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	116°F
FP Method	ASTM D93,1990
pH	~ 7.0
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Formula: JE160218-1
Percent Volatile: <10%

Section 10. Stability and Reactivity

Stability: Stable.
Reactivity: Non-reactive.
Conditions to avoid: Keep away from heat. Open flame. Sparks.
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Oxides of carbon.

Section 11. Toxicological Information

Acute Toxicity: Inhalation Inhalation of mists may cause mild respiratory irritation.

Acute Toxicity: Skin Contact Contact may cause mild irritation in some individuals. May cause an allergic skin reaction in sensitive individuals.

Acute Toxicity: Eye Contact May cause mild irritation.

Acute Toxicity: Ingestion May cause gastrointestinal disturbances.

Chronic Effects: None expected.

Carcinogenicity: ACGIH listed: No IARC listed: No NTP listed: No
OSHA listed: No EU listed: No

Acute Toxicity Values: No data for product.

Acute Toxicity: Oral LD50: No data available for this product.

Acute Toxicity: Inhalation LC50 No data available for this product.

Section 12. Ecological Information

Ecotoxicity: No data for product.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Section 13. Disposal

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging: Offer rinsed packaging material to local recycling facilities.

Section 14. Transport Information

UN Number 1170

UN Proper Shipping Name UN1170 Ethanol [or] Ethyl alcohol [or] Ethanol solutions [or] Ethyl alcohol

DOT Classification 3

Packing Group III

TDG: UN 1170, Ethanol Solution, 3 PG III

IMDG: UN 1170 Ethanol Solution,3, PG III

IMDG - Environmental Marine pollutant: No

Hazards:

IATA/CAO: UN1170, Ethanol Solution

Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.

SARA 302: N.A.

SARA 304: N.A.

SARA 313: N.A.

TSCA: All ingredients in this product are either listed, or exempt from listing.

CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	ETHYL ALCOHOL.
Massachusetts Right to Know Components:	Ethanol.
Pennsylvania Right to Know Components:	Ethanol.
Rhode Island Right to Know Components:	ethyl alcohol.

Section 16. Other Information

Revision Date	3/12/2018
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Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
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HMIS (U.S.A.): Health Hazard	1
HMIS (U.S.A.): Flammability	2
HMIS (U.S.A.): Physical Hazard	0
National Fire Protection Association (U.S.A): Health Hazard	1
National Fire Protection Association (U.S.A): Flammability	2
National Fire Protection Association (U.S.A): Instability Hazard	0

Additional Information	The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees
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