

# MATERIAL SAFETY DATA SHEET

MEDO PUMP SPRAY AIR FRESHENER - ALL TYPES AND VARIETIES

## 1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 24184

Version Date: 8/22/2002

**Product Name:** MEDO PUMP SPRAY AIR FRESHENER - ALL TYPES AND VARIETIES

**Product Use:** Air freshener

**Synonyms:** ALL TYPES

### Manufacturer

Medo Industries, Inc.  
P.O. Box 2967  
Houston, TX 77252-2967  
USA

### Phone Numbers

**Medical Emergency:** 1-800-546-6040  
**Transportation Emergency (USA):** 1-800-535-5053  
**Transportation Emergency (International):**  
1-352-323-3500 (Call Collect)  
**MSDS Assistance:** 1-800-546-6227  
**Fax On Demand:** 1-800-546-6227  
**Technical Assistance:** 1-800-458-4998  
**Customer Service:** 1-800-468-8397  
**Fax Number:** 713-217-3181  
**Internet Address:**

## 2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
WATER	7732-18-5	< 95	No
ETHYL ALCOHOL, DENATURED	64-17-5	1 - 17	Yes
FRAGRANCE	TRADESECRET	1 - 15	No
SURFACTANT	MIXTURE	1 - 20	No

This product is **HAZARDOUS** according to OSHA 29 CFR 1910.1200.

### Hazards:

**Flammable/Combustible**  **Acute Toxin**  **Chronic Toxin**  **Carcinogen**   
**Pressure**  **Reactive**  **Exposure Limit**  **Target Organ**  **Other**

**Other:** No information available

## 3. HAZARDS IDENTIFICATION

### Emergency and Hazards Overview

CAUTION: COMBUSTIBLE. MAY CAUSE EYE IRRITATION.

**NFPA Ratings:** Health 1 Flammability 2 Reactivity 0

**Primary Route of Exposure:** Skin  Inhalation  Eye

### Health Effect Information

**Eye Contact:** Avoid eye contact. May be irritating to the eyes upon direct contact.

**Skin Contact:** Avoid prolonged and repeated skin contact. Prolonged or repeated contact may result in slight skin irritation.

**Inhalation:** This product is not expected to pose an inhalation hazard under conditions of foreseeable use.

**Ingestion:** This product is regarded as having a low order of toxicity. Ingestion is expected to be relatively non-toxic unless aspiration occurs. If biphasic separation of this mixture occurs, the solvent phase may pose a hazard upon aspiration. Coughing, choking, and gagging are often noted at the time of aspiration.

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**Medical Conditions Aggravated by Exposure:** None expected.

**Other:** No information available

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#### 4. FIRST AID INFORMATION

**Eye Contact:** Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

**Skin Contact:** No treatment is necessary under ordinary circumstances. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention.

**Inhalation:** This material does not present any known inhalation hazard. No treatment is necessary under ordinary circumstances.

**Ingestion:** Do not induce vomiting due to aspiration hazard. If vomiting occurs lower head below knees to avoid aspiration. If victim exhibits signs of lung aspiration such as coughing or choking, seek immediate medical assistance.

**Notes to Physician:** No information available

**Other:** No information available

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#### 5. FIRE AND EXPLOSION INFORMATION

##### Flammable Properties

**Flash Point:** 105 - 114 F, 40.6 - 45.6 C

**Test Method:** ASTM D-56 (T.C.C.)

**Flash Point:** No data available

**Test Method:** No information available

##### Flammable Limits in Air

**Upper Percent:** No data available

**Lower Percent:** No data available

**Autoignition Temperature:** No data available

**Test Method:** No information available

**NFPA Classification:** Class II combustible liquid

**Extinguishing Media:** Use dry chemical, foam, or carbon dioxide.

##### Fire Fighting Measures

**Special Fire Fighting Procedures and Equipment:** Water may be ineffective but can be used to cool containers exposed to heat or flame to prevent vapor pressure buildup and possible container rupture.

**Unusual Fire and Explosion Conditions:** Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion. This product is a mixture of water and a water miscible alcohol, and does not present a significant flammability hazard when used by consumers.

Although the flash point of this product may be below 150F, such products are not considered combustible by the Consumer Products Safety Commission (CPSC).

**Hazardous Combustion By-Products:** No information available

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**Other:** No information available

### 6. ACCIDENTAL RELEASE MEASURES

**Personnel Safeguards:** Provide adequate ventilation during clean-up. Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10.

**Regulatory Notifications:** No notification required

**Containment and Clean up:** No special cleanup procedures are necessary. Do not allow spill to enter sewers or watercourses. Small spills may be picked up with absorbent material.

**Other:** No information available

### 7. HANDLING AND STORAGE INFORMATION

**Handling:** No special handling procedures are necessary.

**Storage:** Store in a cool, well ventilated area in closed containers away from heat, sparks, open flame or oxidizing materials. Do not transfer to unmarked containers.

#### Empty Container Warnings

**Drums:** Not applicable

**Plastic:** Do not reuse this container. Empty container may retain product residues.

**Other:** No information available

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

#### Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
ETHYL ALCOHOL, DENATURED	64-17-5	OSHA - PEL: TWA 1000 ppm ACGIH - TLV: TWA 1000 ppm

#### Personal Protective Equipment

**Eye/Face Protection:** Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

**Skin Protection:** Skin protection is not required under conditions of normal use. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure.

**Respiratory Protection:** Respiratory protection is not required under conditions of normal use.

**Personal Hygiene:** Always wash hands and face with soap and water before eating, drinking, or smoking. Consumption of food and beverage should be avoided in work areas where this product is present.

#### Engineering Controls / Work Practices

**Ventilation:** General room ventilation is normally sufficient.

**Other:** No information available

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Clear	
<b>Odor:</b> Alcohol	<b>Vapor Pressure:</b> No data available
<b>Physical state:</b> Liquid	<b>Vapor Density (air=1):</b> No data available
<b>pH:</b> No data available	<b>Percent Volatile by Volume:</b> No data available
<b>Boiling Point:</b> No data available	<b>Volatile Organic Content:</b> No data available
<b>Melting Point:</b> No data available	<b>Molecular Weight:</b> No data available
<b>Specific Gravity:</b> No data available	<b>Average Carbon Number:</b> No data available
<b>Pour Point:</b> No data available	<b>Viscosity @ 100 F:</b> No data available
	<b>Viscosity @ 40 C:</b> No data available
<b>Solubility in Water:</b> Soluble in water	
<b>Octanol / Water Coefficient: Log <math>K_{ow}</math> =</b> No data available	

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## 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Conditions to Avoid:** Keep away from heat, sparks, open flames and other ignition sources.

**Incompatible Materials to Avoid:** Strong oxidizers, strong acids. Strong bases.

**Other:** No information available

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## 11. TOXICOLOGICAL INFORMATION

**Primary Eye Irritation:** No information available

**Primary Skin Irritation:** No information available

**Acute Dermal Toxicity:** No information available

**Subacute Dermal Toxicity:** No information available

**Dermal Sensitization:** No information available

**Inhalation Toxicity:** No information available

**Inhalation Sensitization:** No information available

**Oral Toxicity:** No information available

**Mutagenicity:** No information available

**Carcinogenicity:** No information available

**Reproductive and Developmental Toxicity:** No information available

**Teratogenicity:** No information available

**Immunotoxicity:** No information available

**Neurotoxicity:** No information available

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**Other:** No information available

### 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No information available

**Terrestrial Toxicity:** No information available

**Chemical Fate and Transport:** No information available

**Other:** No information available

### 13. DISPOSAL INFORMATION

**Regulatory Information:** Dispose of residual products and empty containers responsibly.

**Waste Disposal Methods:** Waste material may be landfilled or incinerated at an approved facility.

**Other:** No information available

### 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT)**

**Highway / Rail (Bulk):** NOT APPLICABLE

**Highway / Rail (Non-Bulk):** Not Regulated

**The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.**

**International Information**

**Vessel: IMDG Regulated:**   X   **IMDG Not Regulated:**       

**Air: ICAO Regulated:**   X   **ICAO Not Regulated:**       

**Other:** European - Non-Bulk Hazardous Materials Proper Shipping Descriptions

Highway/Rail     Perfumery products, 3, UN1266, III - LTD QTY

Air               Perfumery products, 3, UN1266, III - LTD QTY

Vessel           Perfumery products, 3, UN1266, III (EmS 3-05) (Category A) - LTD QTY

### 15. Regulatory Information

**Regulatory Lists Searched:** The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.

**Health & Safety:** 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

**Environmental:** 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

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**International:** 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

**State Lists:** 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

**Inventories:** 80 - Canada - Domestic substances , 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA , 85 - China Inventory

## **Regulatory Search Results:**

ETHYL ALCOHOL, DENATURED: 15, 16, 17, 22, 23, 35, 50, 61, 63, 65, 66, 67, 69, 80, 81, 82, 83, 84, 85

WATER: 80, 81, 83, 84, 85

**U.S. TSCA Inventory:** All components of this material are on the US TSCA Inventory.

**SARA Section 313:** Consumer products are not regulated under SARA, Title III, Section 313.

**IARC:** No information available

## **SARA 311 / 312 Categories**

**Acute:**  X  **Chronic:**      **Fire:**  X  **Pressure:**      **Reactive:**    

**Not Regulated:**    

## **Canadian WHMIS Classification**

Class B - Flammable and Combustible Material, Division 3, Combustible Liquid

Class D - Poisonous and infectious material, Division 2B, Toxic Material

## **European Union Classification**

### **Hazard Symbols:**

No classification recommended

### **Risk Phrases:**

No classification recommended

### **Safety Phrases:**

S46: If swallowed, seek medical advice immediately and show this container or label.

S2: Keep out of the reach of Children.

**Other:** No information available

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## **16. OTHER INFORMATION**

### **Health and Environmental Label Language**

Back Label:

CAUTION: Keep away from heat and flames. Avoid contact with skin and eyes. In case of eye contact, flush thoroughly with water. If irritation persists, contact a physician. Keep away from children and pets.

FOR HEALTH EMERGENCY: (800) 546-6040

## **MSDS Revisions**

**Previous Version Date:** 8/15/2002

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**VARIETIES**

**Previous Version Information**

Revised Section 14 - Transportation Information

Revised Section 15 - European Union Classification

**Other**

No information available

**Prepared By:**

**Disclaimer of Warranty:** The information contained herein is based upon data and information available to us, and reflects our best professional judgement. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, Pennzoil-Quaker State Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.