

## Material Safety Data Sheet

### 1. MATERIAL AND COMPANY IDENTIFICATION

**Material Name** : Auto Expressions Pump Spray Air Freshener - All Types  
and Varieties

**Uses** : Air freshener

**Manufacturer/Supplier** : SOPUS Products  
PO BOX 4427  
Houston, TX 77210-4427  
USA

**MSDS Request** : 877-276-7285

**Emergency Telephone Number**

**Spill Information** : 877-242-7400

**Health Information** : 877-504-9351

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Ethanol	64-17-5	10.00 - 17.00 %

A mixture of water, alcohols and additives.

### 3. HAZARDS IDENTIFICATION

**Emergency Overview**

**Appearance and Odour** : Clear. Liquid. Alcohol-like.

**Safety Hazards** : Combustible liquid.

**Health Hazards**

**Inhalation** : No specific hazards under normal use conditions.

**Skin Contact** : No specific hazards under normal use conditions.

**Eye Contact** : May cause slight irritation to eyes.

**Ingestion** : Low toxicity if swallowed.

**Signs and Symptoms** : Ingestion may cause inebriation.

**Environmental Hazards** : No specific hazards under normal use conditions.

**Additional Information** : Under normal conditions of use or in a foreseeable emergency, this product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### 4. FIRST AID MEASURES

**General Information** : Not expected to be a health hazard when used under normal conditions.

**Inhalation** : No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

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<b>Skin Contact</b>	: Wash skin with water using soap if available.
<b>Eye Contact</b>	: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
<b>Ingestion</b>	: In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
<b>Advice to Physician</b>	: Consult a Poison Control Centre for guidance. Persons on disulfiram (Antabuse®) therapy should be aware that the ethyl alcohol in this product is hazardous to them just as is alcohol from any source. Disulfiram reactions (vomiting, headache and even collapse) may follow ingestion of small amounts of alcohol and have also been described from skin contact.

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### 5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

<b>Flash point</b>	: 41 - 46 °C / 106 - 115 °F
<b>Upper / lower Flammability or Explosion limits</b>	: Data not available
<b>Specific Hazards</b>	: Combustible. 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).
<b>Suitable Extinguishing Media</b>	: Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
<b>Unsuitable Extinguishing Media</b>	: Do not use water in a jet.
<b>Additional Advice</b>	: Keep adjacent containers cool by spraying with water. This product does not maintain combustion, although the flash point is below the threshold for classification and supply.

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### 6. ACCIDENTAL RELEASE MEASURES

<b>Protective measures</b>	: Remove all possible sources of ignition in the surrounding area. Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. No specific measures.
<b>Clean Up Methods</b>	: Slippery when spilt. Avoid accidents, clean up immediately. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
<b>Additional Advice</b>	: Observe all relevant local and international regulations.

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### 7. HANDLING AND STORAGE

<b>General Precautions</b>	: Avoid contact with skin, eyes, and clothing. Wash skin with
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- Handling** : water using soap if available.  
: Avoid contact with skin, eyes, and clothing. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. Use only in well-ventilated areas.
- Storage** : Keep in a cool place. Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Keep containers closed when not in use.
- Additional Information** : Ensure that all local regulations regarding handling and storage facilities are followed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

Material	Source	Type	ppm	mg/m3	Notation
Ethanol	ACGIH	STEL	1,000 ppm		
Ethanol	OSHA Z1	PEL	1,000 ppm	1,900 mg/m3	
Ethanol	OSHA Z1A	TWA	1,000 ppm	1,900 mg/m3	

- Additional Information** : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
- Exposure Controls** : The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Wash hands before eating and drinking.
- Personal Protective Equipment** : Check with respiratory protective equipment suppliers.
- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use.
- Hand Protection** : Not normally required.
- Eye Protection** : Eye protection is not required under normal conditions of use. If material is handled such that it could be splashed into eyes, protective eyewear is recommended.
- Protective Clothing** : Skin protection not ordinarily required beyond standard issue work clothes.
- Environmental Exposure Controls** : Use only in well-ventilated areas.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear. Liquid.
- Odour** : Alcohol-like.
- pH** : Data not available
- Initial Boiling Point and Boiling Range** : Data not available
- Pour point** : Data not available
- Flash point** : 41 - 46 °C / 106 - 115 °F
- Upper / lower Flammability** : Data not available

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or Explosion limits  
Vapour pressure : Data not available  
Specific gravity : 0.99  
Water solubility : Soluble.  
n-octanol/water partition  
coefficient (log Pow) : Data not available  
Vapour density (air=1) : Data not available  
Volatile organic carbon  
content : < 18  
Evaporation rate (nBuAc=1) : Data not available

### 10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions of use.  
Conditions to Avoid : Open flame.  
Materials to Avoid : Not applicable.  
Hazardous Decomposition : None expected under normal use conditions.  
Products  
Hazardous Polymerisation : No  
Sensitivity to Mechanical : No  
Impact  
Sensitivity to Static : Data not available  
Discharge

### 11. TOXICOLOGICAL INFORMATION

Basis for Assessment : Information given is based on data from components.  
Acute Oral Toxicity : May be harmful if swallowed. LD50 > 2000 - <= 5000 mg/kg ,  
Rat  
Acute Dermal Toxicity : May be harmful in contact with skin. LD50 > 2000 - <= 5000  
mg/kg , Rabbit  
Acute Inhalation Toxicity : May be harmful if inhaled. Rat  
Skin Irritation : May cause moderate skin irritation (but insufficient to classify).  
Prolonged/repeated contact may cause defatting of the skin  
which can lead to dermatitis.  
Eye Irritation : Irritating to eyes.  
Respiratory Irritation : Inhalation of vapours or mists may cause irritation to the  
respiratory system.  
Sensitisation : Not a skin sensitiser.  
Mutagenicity : Not expected to be mutagenic.  
Carcinogenicity : Not expected to be carcinogenic.

Material	Carcinogenicity Classification
Ethanol	ACGIH Group A3: Confirmed animal carcinogen with unknown relevance to humans.
Ethanol	NTP: Known carcinogen.
Ethanol	IARC 1: Human carcinogen.

Reproductive and  
Developmental Toxicity : Ethanol, a component of this material, may cause birth defects  
and/or miscarriages.

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### 12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

**Mobility** : Disperses in water.  
**Persistence/degradability** : Data not available  
**Bioaccumulation** : Data not available  
**Other Adverse Effects** : Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

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### 13. DISPOSAL CONSIDERATIONS

**Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.  
**Container Disposal** : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.  
**Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

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### 14. TRANSPORT INFORMATION

#### US Department of Transportation Classification (49CFR)

Class / Division Consumer Commodity, ORM-D

Emergency Response Guide No. 127

#### IMDG

Identification number UN 1266  
Proper shipping name PERFUMERY PRODUCTS  
Class / Division 3  
Packing group III  
Marine pollutant: No

#### IATA (Country variations may apply)

Identification number ID 8000  
Proper shipping name Consumer Commodity  
Class / Division 9

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### 15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

#### Federal Regulatory Status

##### Notification Status

EINECS

All components listed or  
polymer exempt.

TSCA

All components listed.

##### Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Auto Expressions Pump Spray Air      Reportable quantity: 588 lbs  
Freshener - All Types and Varieties ()

Ethanol (64-17-5)      Reportable quantity: 100 lbs

#### State Regulatory Status

##### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

##### New Jersey Right-To-Know Chemical List

Ethanol (64-17-5)      Listed.

##### Pennsylvania Right-To-Know Chemical List

Ethanol (64-17-5)      Listed.

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### 16. OTHER INFORMATION

NFPA Rating (Health,      : 1, 2, 0  
Fire, Reactivity)

MSDS Version Number      : 3.0

MSDS Effective Date      : 04/07/2009

MSDS Revisions      : A vertical bar (|) in the left margin indicates an amendment

**Auto Expressions Pump Spray Air Freshener - All Types  
and Varieties**

MSDS# 624184LU

Version 3.0

Effective Date 04/07/2009

According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

**Material Safety Data Sheet**

- MSDS Regulation** : from the previous version.  
: The content and format of this MSDS is in accordance with the  
OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- MSDS Distribution** : The information in this document should be made available to  
all who may handle the product.
- Disclaimer** : The information contained herein is based on our current  
knowledge of the underlying data and is intended to describe  
the product for the purpose of health, safety and environmental  
requirements only. No warranty or guarantee is expressed or  
implied regarding the accuracy of these data or the results to  
be obtained from the use of the product.