

# ATTACK ODOUR COUNTERACTANT

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	ATTACK ODOUR COUNTERACTANT
<b>Recommended Use</b>	Air Freshener.
<b>Manufacturer</b>	Lawrason's, Inc, 460 Wyecroft Road, Oakville, Ontario, L6K 2G7, (905) 842-8300, www.Lawrasons.com
<b>Supplier Identifier</b>	Lawrason's, Inc, 460 Wyecroft Road, Oakville, Ontario, L6K 2G7, (905) 842-8300, www.Lawrasons.com
<b>Emergency Phone No.</b>	CANUTEC, 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone
<b>SDS No.</b>	71758
<b>Date of Preparation</b>	February 01, 2017

## SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

### Classification

Flammable aerosol - Category 1; Skin irritation - Category 2; Skin sensitization - Category 1; Germ cell mutagenicity - Category 1B; Carcinogenicity - Category 1A; Aquatic hazard (Acute) - Category 1

### Label Elements



Danger

### Hazard Statement(s):

Extremely flammable aerosol.

Causes skin irritation.

May cause an allergic skin reaction.

### Precautionary Statement(s):

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves.

### Response:

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IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Collect spillage.

Storage:  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal:  
Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Other components below reportable levels		30.00-60.00		
d-Limonene	5989-27-5	15.00-40.00		
Ethanol	64-17-5	7.00-13.00		

#### Notes

The exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

##### Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with water or shower. If skin irritation or a rash occurs, get medical advice or attention.

##### Eye Contact

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 or attention.

##### Ingestion

Immediately call a Poison Centre or doctor. Rinse mouth with water. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

##### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

#### Most Important Symptoms and Effects, Acute and Delayed

Repeated or prolonged exposure can irritate the skin. Symptoms include pain, redness, and swelling.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

##### Unsuitable Extinguishing Media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

#### Specific Hazards Arising from the Product

Pressurized container: May burst if heated. Extremely flammable aerosol.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

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## Special Protective Equipment and Precautions for Fire-fighters

For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles. Dust explosion hazard. Use water spray or fog to prevent dust formation and minimize risk of explosion. flammable or explosive atmosphere.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Stop or reduce leak if safe to do so. Use water fog or spray curtain to reduce amount of dust in air. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Do not pierce or burn, even after use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing in this product. Avoid repeated or prolonged skin contact. Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical.

### Conditions for Safe Storage

Store in an area that is: cool, ventilated, out of direct sunlight and away from heat and ignition sources, separate from incompatible materials (see Section 10: Stability and Reactivity). Store in the original, labelled, shipping container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
d-Limonene	Not established		Not established		Not established	
Ethanol	1000 ppm	Not established	1900 mg/m3	Not established	Not established	Not established

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wash hands and face thoroughly after handling and before eating, drinking, smoking or using the toilet. Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** compressed gas.

**Odour** Not available

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<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	157.98 °F (69.99 °C) (estimated)
<b>Flash Point</b>	-156.0 °F (-104.4 °C) (estimated)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	6.5% (estimated) (upper); 1.5% (estimated) (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Not available in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Gas

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

### Conditions to Avoid

High temperatures. Incompatible materials.

### Incompatible Materials

Strong oxidizing agents. Nitrates.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
d-Limonene	Not available	Not available	Not available
Ethanol	124.7 mg/L (rat) (4-hour exposure)	Not available	Not available

### Skin Corrosion/Irritation

May cause moderate or severe irritation based on information for closely related materials.

### Serious Eye Damage/Irritation

Causes serious eye irritation.

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## STOT (Specific Target Organ Toxicity) - Single Exposure

### Inhalation

Not harmful.

### Ingestion

Harmful if swallowed. Causes digestive tract burns. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

### Aspiration Hazard

Not known to be an aspiration hazard.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Can cause an allergic reaction (skin sensitization) based on animal tests.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
d-Limonene	Not Listed	Not Listed	Not Listed	Not Listed
Ethanol	Not Listed	Not Listed	Not Listed	Not Listed

### Reproductive Toxicity

#### Development of Offspring

Not known to harm the unborn child.

#### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

### Germ Cell Mutagenicity

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic, with long lasting effects to aquatic life.

### Persistence and Degradability

No information was located.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container. Dispose of contents and container in accordance with local, regional, national and international regulations. Do not reuse empty containers.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	AEROSOLS, flammable	2.1	
IATA (Air)	1950	AEROSOLS, flammable	2.1	

**Environmental Hazards** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

**NFPA Rating**                      **Health - 1**      **Flammability - 1**                      **Instability - 0**

**SDS Prepared By**                      Technical Manager

**Phone No.**                                      905-842-8300

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**Key to Abbreviations**                      IARC = International Agency for Research on Cancer

**References**                                      CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

**Additional Information** All information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither Lawrason's, Inc. nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. The user alone must finally determine suitability of any information or material for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. Lawrason's Inc. reserves the right to make additions, deletions or modifications to the information at any time without prior notification.

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