




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1358001	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	AIRMATIC LAVENDER	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Metered Odor Neutralizer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flam. Aerosol 1 H222 Extremely flammable aerosol. Press. Gas H280 Contains gas under pressure; may explode if heated. Eye Irrit. 2A H319 Causes serious eye irritation. Skin Sens. 1 H317 May cause an allergic skin reaction.	SIGNAL WORD: DANGER	SYMBOL:			
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GHS LABEL ELEMENTS:
 The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD STATEMENTS:
Hazard-determining Components of Labeling:
 Fragrance Trade Secret (908)
 Linalool

HAZARD STATEMENTS
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.
 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:
Prevention: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container: Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves / eye protection / face protection. Wash contaminated clothing before reuse.
Response: IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see on this label). If eye irritation persists: Get medical advice/attention.
Storage: Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

OTHER HAZARDS:
Results of PBT and vPvB Assessment:
PBT: Not applicable.
vPvB: Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
acetone	67-64-1	>50-≤100%
isobutane	75-28-5	>10-≤25%
propane	74-98-6	>2.5-≤10%
butane, pure	106-97-8	≤2.5%
Fragrance Trade Secret (908)		≥1-≤2.5%
1,3-diphenylguanidine	102-06-7	≥0.1-≤2.5%
Linalool	78-70-6	≥0.1-<1%

Chemical Characterization: Mixtures
Description: Mixture of the substances listed below with non-hazardous additions.

4. First Aid Measures

DESCRIPTION OF FIRST AID MEASURES
After Inhalation: Supply fresh air and to be sure call for a doctor.
 In case of unconsciousness place patient stably in side position for transportation.
After Skin Contact: Immediately wash with water and soap and rinse thoroughly.
After Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After Swallowing: If symptoms persist consult doctor.
Information for Doctor: Most important symptoms and effects, both acute and delayed No further relevant information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
 No further relevant information available.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING AGENTS:

Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

No further relevant information available.

ADVICE FOR FIREFIGHTERS:

Protective Equipment: No special measures required.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS:

Do not allow to enter sewers/ surface or ground water.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

REFERENCE TO OTHER SECTIONS:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

PROTECTIVE ACTION CRITERIA FOR CHEMICALS:

PAC-1:		
67-64-1	acetone	200 ppm
75-28-5	isobutane	5500* ppm
74-98-6	propane	5500* ppm
106-97-8	butane, pure	5500* ppm
102-06-7	1,3-diphenylguanidine	0.97 mg/m ³
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
91-64-5	Coumarin	0.88 mg/m ³

PAC-2:		
67-64-1	acetone	3200* ppm
75-28-5	isobutane	17000** ppm
74-98-6	propane	17000** ppm
106-97-8	butane, pure	17000** ppm
102-06-7	1,3-diphenylguanidine	11 mg/m ³
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
91-64-5	Coumarin	9.7 mg/m ³

PAC-3:		
67-64-1	acetone	5700* ppm
75-28-5	isobutane	53000*** ppm
74-98-6	propane	33000*** ppm
106-97-8	butane, pure	33000*** ppm
102-06-7	1,3-diphenylguanidine	64 mg/m ³
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
91-64-5	Coumarin	58 mg/m ³

7. Handling and Storage

HANDLING:

PRECAUTIONS FOR SAFE HANDLING:

Ensure good ventilation/exhaustion at the workplace.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:

Do not spray on a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Pressurized Container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPACLES:

Observe official regulations on storing packagings with pressurized containers.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY:

Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS:

Keep receptacle tightly sealed.

SPECIFIC END USE(S):

No further relevant information available.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection Safety glasses - Tightly sealed goggles.

Hand/Skin Protection: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of Gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration Time of Glove Material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory Protection: Breathing Equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. Use suitable respiratory protective device in case of insufficient ventilation.

General Protective and Hygienic Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS: No further data; see Section 7.

CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

67-64-1 acetone	
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI
75-28-5 isobutane	
TLV	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)
74-98-6 propane	
PEL	Long-term value: 1800 mg/m ³ , 1000 ppm
REL	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV	refer to Appendix F in TLVs & BEIs book; D, EX
106-97-8 butane, pure	
REL	Long-term value: 1900 mg/m ³ , 800 ppm
TLV	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)
INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:	
67-64-1 acetone	
BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)

ADDITIONAL INFORMATION:

The lists that were valid during the creation were used as basis.

9. Physical & Chemical Properties

Appearance:	Aerosol.	Flammability(solid/gas):	Not applicable.
Color:	According to product specification	Explosion Limits Lower:	1.8 Vol %
Odor:	Characteristic	Explosion Limits Upper:	13 Vol %
Odor Threshold:	Not determined.	Vapor Pressure at 20°C (68°F):	3,000 hPa (2.300 mm Hg)
pH:	Not determined.	Vapor Pressure at 50°C (122°F):	800 hPa (600 mm Hg)
Melting Point/Range:	Undetermined.	Vapor Density:	Not determined.
Initial Boiling Point/Range:	-44.5°C (-48.1°F)	Relative Density:	Not determined.
Viscosity Dynamic:	Not determined.	Density:	Not determined.
Viscosity Kinematic:	Not determined.	Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Flash Point:	< 0°C (< 32°F)	Auto-Igniting:	460°C (860°F).
Evaporation Rate:	Not applicable.	Partition Coeff(n-octanol/water):	Not determined.
Ignition Temperature:	Product is not self-igniting.	Solvent Content: Organic Solvents:	83.8%
Solids Content:	1.0%	VOC Content:	25.02% 250.2 g/l / 2.09 lb/gal
Other Information:	No further relevant information available.		
Danger of Explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.		

10. Stability & Reactivity Information

REACTIVITY:

No further relevant information available.

CHEMICAL STABILITY:

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:

No decomposition if used according to specifications.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

CONDITIONS TO AVOID:

No further relevant information available.

INCOMPATIBLE MATERIALS:

No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

11. Toxicological Information

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:

LD/LC50 Values that are Relevant for Classification:		
67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)

PRIMARY IRRITANT EFFECT:

Skin: on the skin: No irritant effect.

Eyes: on the eye: Irritating effect.

Skin: Sensitization: Sensitization possible through skin contact.

ADDITIONAL TOXICOLOGICAL INFORMATION:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

CARCINOGENIC CATEGORIES:

IARC (International Agency for Research on Cancer)		
5989-27-5	(R)-p-mentha-1,8-diene	3
91-64-5	Coumarin	3

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. Ecological Information

TOXICITY

AQUATIC TOXICITY:

No further relevant information available.

PERSISTENCE AND DEGRADABILITY:

No further relevant information available.

BEHAVIOR IN ENVIRONMENTAL SYSTEMS:

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: Not applicable.

VPVB: Not applicable.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

UNCLEANED PACKAGINGS:

Recommendation: Disposal must be made according to official regulations.

14. Transportation Information

DOT: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es):
Class: 2.1
Label(s): 2.1
Packing Group: Not regulated.

TDG: UN Number: UN1950
UN Proper Shipping Name: AEROSOLS
Transport Hazard Class(es):
Class: 2.1
Label(s): 2.1
Packing Group: Not regulated.

IMDG: UN Number: UN1950
UN Proper Shipping Name: AEROSOLS
Transport Hazard Class(es):
Class: 2.1
Label(s): 2.1-



Packing Group: Not regulated.

ENVIRONMENTAL HAZARDS:
Not applicable.

SPECIAL PRECAUTIONS FOR USER:
Warning: Gases

HAZARD IDENTIFICATION NUMBER (KEMLER CODE): -
EMS Number: F-D,S-U
Stowage Code: SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:
Not applicable.

SPECIAL PRECAUTIONS FOR USER:
Warning: Gases
Hazard identification number (Kemler code): -
EMS Number: F-D, S-U
Stowage Code: SW22 For AEROSOLS with a maximum capacity of 1 litre:
Category A. For AEROSOLS with a capacity above 1 litre:
Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code: SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:
Not applicable.

TRANSPORT/ADDITIONAL INFORMATION:
DOT Quantity Limitations:
On passenger aircraft/rail: 75 kg
On cargo aircraft only: 150 kg
IMDG Limited Quantities (LQ): 1L
Excepted Quantities (EQ) Code: E0
Not permitted as Excepted Quantity:
UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15. Regulatory Information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

No further relevant information available.

SARA
Section 355 (extremely hazardous substances): None of the ingredients is listed.
Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

67-64-1	acetone	ACTIVE
75-28-5	isobutane	ACTIVE
74-98-6	propane	ACTIVE
106-97-8	butane, pure	ACTIVE
102-06-7	1,3-diphenylguanidine	ACTIVE
78-70-6	Linalool	ACTIVE
80-54-6	p-t-Butyl-alpha-methylhydrocinnamic aldehyde	ACTIVE
5989-27-5	(R)-p-mentha-1,8-diene	ACTIVE
106-22-9	dl-Citronellol	ACTIVE
106-24-1	Geraniol	ACTIVE
91-64-5	Coumarin	ACTIVE
51414-25-6	3-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde	ACTIVE

HAZARDOUS AIR POLLUTANTS:
None of the ingredients is listed.

PROPOSITION 65

CHEMICALS KNOWN TO CAUSE CANCER:
None of the ingredients is listed.

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR FEMALES:
None of the ingredients is listed.

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR MALES:
None of the ingredients is listed.

CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:
None of the ingredients is listed.

CARCINOGENIC CATEGORIES:

EPA (Environmental Protection Agency):

67-64-1	acetone	I
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TLV (Threshold Limit Value established by ACGIH):

67-64-1	acetone	A4
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NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):
None of the ingredients is listed.

GHS LABEL ELEMENTS:

The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS:



Signal Word: DANGER

Hazard-determining components of labeling:

Fragrance Trade Secret (908)

Linalool

HAZARD STATEMENTS:

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Pressurized Container: Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves / eye protection / face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see on this label). If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local/regional/national/international regulations. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

ABBREVIATIONS AND ACRONYMS:

IMDG: International Maritime Code for Dangerous Goods	vPvB: very Persistent and very Bioaccumulative
DOT: US Department of Transportation	NIOSH: National Institute for Occupational Safety
IATA: International Air Transport Association	OSHA: Occupational Safety & Health
ACGIH: American Conference of Governmental Industrial Hygienists	TLV: Threshold Limit Value
EINECS: European Inventory of Existing Commercial Chemical Substances	PEL: Permissible Exposure Limit
ELINCS: European List of Notified Chemical Substances	REL: Recommended Exposure Limit
CAS: Chemical Abstracts Service (division of the American Chemical Society)	BEI: Biological Exposure Limit
HMIS: Hazardous Materials Identification System (USA)	Flam. Aerosol 1: Aerosols – Category 1
VOC: Volatile Organic Compounds (USA, EU)	Press. Gas: Gases under pressure – Compressed gas
LC50: Lethal concentration, 50 percent	Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
LD50: Lethal dose, 50 percent	Skin Sens. 1: Skin sensitisation – Category 1
PBT: Persistent, Bioaccumulative and Toxic	

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.