SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	135861	**COMPANY PHONE:**	1-800-241-8180
PRODUCT NAME:	AIRMATIC CUCUMBER MELON	**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:
Flammable Aerosols 1 - H222 Extremely flammable aerosol.
Gases under Pressure - Compressed gas - H280 Contains gas under pressure; may explode if heated.
Eye Irritation 2A - H319 Causes serious eye irritation.
Sensitization - Skin 1 - H317 May cause an allergic skin reaction.

SIGNAL WORD:
DANGER

SYMBOL:

HAZARD-DETERMINING COMPONENTS OF LABELING:
Fragrance Trade Secret (918)

HAZARD STATEMENTS:
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:
Prevention: P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized Container: Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves / eye protection / face protection.
Response: P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see on this label).
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
Storage: P410+P403 Protect from sunlight. Store in a well-ventilated place.
P411 Store at temperatures not exceeding 48°C/120°F.
Disposal: P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

CLASSIFICATION SYSTEM:
NFPA Ratings: (scale 0 - 4) Health = 2 Fire = 4 Reactivity = 1
HMIS Ratings: (scale 0 - 4) Health = 2 Fire = 4 Reactivity = 1

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

3. Composition / Information on Ingredients

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

Dangerous Components	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 (918)		≥1-≤2.5%

Chemical Characterization: Mixtures

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

SKIN: After skin contact: Immediately wash with water and soap and rinse thoroughly.

INHALATION:

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.

INGESTION:

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 Section 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
120-51-4	Benzyl benzoate	5.7 mg/m³
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
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
120-51-4	Benzyl benzoate	63 mg/m³
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
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	53000*** ppm
120-51-4	Benzyl benzoate	380 mg/m³
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm

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 RECEPTACLES:

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.

APPROPRIATE ENGINEERING CONTROLS:
Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.
Environmental Exposure Controls: Keep container tightly sealed when not in use.

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 REL TLV	Long-term value: 2400 mg/m³, 1000 ppm Long-term value: 590 mg/m³, 250 ppm Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI
75-28-5 isobutane	
TLV	Short-term value: 1000 ppm (EX)
74-98-6 propane	
PEL REL TLV	Long-term value: 1800 mg/m³, 1000 ppm Long-term value: 1800 mg/m³, 1000 ppm See Appendix F Minimal oxygen content (D, EX)
106-97-8 butane, pure	
REL TLV	Long-term value: 1900 mg/m³, 800 ppm Short-term value: 1000 ppm (EX)
Ingredients with biological limit values:	
67-64-1 acetone	
BEI	25 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

Form:	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 Value:	Not determined.	**Vapor Pressure at 50°C (122°F):**	800 hPa (600 mm Hg)
Melting Point/Range:	Undetermined.	**Density:**	Not determined.
Boiling Point/Range:	-44.5°C (-48.1°F)	**Vapor Density:**	Not determined.
Flash Point:	< 0°C (< 32°F)	**Relative Density:**	Not determined.

Solubility in / Miscibility with (water):	Fully miscible.	**Evaporation Rate:**	Not applicable.
Ignition Temp:	Product is not self-igniting.	**Auto-Ignition Temp:**	460°C (860°F)
Decomposition Temp:	Not determined.	**Partition Coeff (n-octanol/water):**	Not determined.
Danger of Explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.	**VOC Content:**	25.98% 259.8 g/l / 2.17 lb/gal
Organic Solvents:	83.8%	**Viscosity - Dynamic:**	Not determined.
Solids Content:	0.0%	**Viscosity - Kinematic:**	Not determined.
Other Information:	No further relevant information available.		

10. Stability & Reactivity Information

REACTIVITY:
There are no known reactivity hazards associated with this product.
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:
on the skin: No irritant effect.
on the eye: Irritating effect.
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

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

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.
Recommended Cleansing Agent: Water, if necessary with cleansing agents.

14. Transportation Information

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

Environmental Hazards: Not applicable.

IATA:
UN Number: UN1950
UN Proper Shipping Name: AEROSOLS, flammable
Transport Hazard Class(es):
Class: 2.1 Gases
Label(s): 2.1

Environmental Hazards: Not applicable.
Packing Group: Not regulated.

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

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: 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 MARPOL 73/78 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
25265-71-8	Dipropylene glycol (isomer unspecified)	ACTIVE
101-86-0	alpha-Amylcinnamaldehyde	ACTIVE
78-70-6	Linalool	ACTIVE
106-22-9	dl-Citronellol	ACTIVE
107-75-5	Hydroxycitronellal	ACTIVE
106-24-1	geraniol	ACTIVE
120-51-4	Benzyl benzoate	ACTIVE
5989-27-5	(R)-p-mentha-1,8-diene	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

TLV (Threshold Limit Value)		
67-64-1	acetone	A4

NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):

None of the ingredients is listed.

CHEMICAL SAFETY ASSESSMENT:

A Chemical Safety Assessment has been carried out.

16. Other Information

HAZARD STATEMENTS:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

ABBREVIATIONS AND ACRONYMS:

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

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.