

Sarah Mayer *Public Comment - Cannabusters*

#4



From: Derek Stucki <derek@thecannabusters.com>
Sent: Monday, April 22, 2024 1:18 PM
To: sbcob; info@sbcountycoalition.com
Subject: Cannabis Odor? There is a Solution.
Attachments: Cannabusters - SDS.pdf; Cannabusters Brochure.pdf; GC Aggregate.jpg

Caution: This email originated from a source outside of the County of Santa Barbara. Do not click links or open attachments unless you verify the sender and know the content is safe.

Dear Santa Barbara County Board of Supervisors,

I am pleased to confirm that an odor solution to commercial cannabis cultivation exists. It is in current use at cannabis cultivations nationwide. Gas Chromatographic testing proves that Cannabusters eliminates 98.5% of terpene odor in a greenhouse fan - Fragrance Free! Please see attached GC Aggregate. It compares 14 terpenes sampled and quantified in the flower room with the same terpenes sampled and quantified in the fan wash of the room.

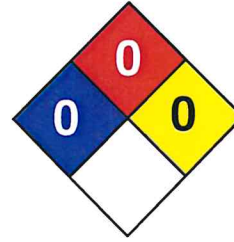
We remain at your service to provide a solution to your long and painful cannabis odor struggle. Glad to entertain any questions. Thank you.

Cheers -

Derek Stucki
VP Business Development



909-725-3841 mobile
<https://thecannabusters.com/>



Health	0
Fire	0
Reactivity	0
Personal Protection	B

Safety Data Sheet

Section 1: Chemical Product and Company Identification

Product Name: CANNABUSTERS®
Concentrate (Requires Dilution)

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Water and proprietary odor eliminators

CI#: Not applicable.

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Cannabusters, Inc.

La Palma, CA 90623 USA

US Sales: **714-367-8420**

International Sales: **1-909-725-3841**

24HR Emergency Telephone, call:
1-909-725-3841

Section 2: Hazards Identification

Potential Acute Health Effects: Dilute

Non-hazardous in case of skin contact, of eye contact, of ingestion, of inhalation.

Potential Chronic Health Effects: Dilute

Non-hazardous in case of skin contact, of eye contact, of ingestion, of inhalation. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not Available

Section 3: Composition and Information on Ingredients

Composition:

3.1 Substances	CAS #	% by Weight
Water	7732-18-8	± 98
3.2 Mixtures		± 2

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

Unidentified Proprietary ingredients are not considered hazardous based on the percentage of ingredient under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

Toxicological Data on Ingredients: Non-Toxic, non-sensitizing, non-cytotoxic

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Do not breathe excess gas/fumes/ vapour/spray. Avoid contact with skin. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

Storage:

No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection: Safety glasses. Lab coat. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: None

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Clear/Slight yellow tint

pH (1% soln/water): 5.5-6.5

Boiling Point: The lowest known value is 100°C (212°F) (Water).

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1.01 (Water = 1)

Vapor Pressure: The highest known value is 17.535 mm of Hg (@ 20°C) (Water).

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether, acetone.

Solubility:

Easily soluble in cold water, hot water. Soluble in diethyl ether. Partially soluble in methanol, acetone.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Slightly reactive to reactive with oxidizing agents, combustible materials, organic materials, metals, acids.

Corrosivity:

Slightly corrosive to corrosive in presence of aluminum, of zinc, of copper. Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not Available

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans:

DEVELOPMENTAL TOXICITY: Not Available

Other Toxic Effects on Humans: Non-hazardous in case of skin contact, of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not Available

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous degradation products are not likely.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Dispose of as Non-hazardous waste

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: This product does not require classification by DOT, IATA, ICAO or IMDG.

Section 15: Other Regulatory Information

Federal and State Regulations:

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

DSCL (EEC):

This product is not classified according to the EU regulations.

HMIS (U.S.A.): No Significant Health Risk.

Health Hazard: 0

Fire Hazard: 0

Reactivity: 0

Personal Protection: b

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 0

Reactivity: 0

Specific hazard: 0

Protective Equipment:

Gloves. Lab coat. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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**ODOR ISSUES
SLOWING
YOU DOWN?**

**Cannabusters
is odorless and VOC free**

INDUSTRY LEADING

ODORLESS ELIMINATION TECHNOLOGY



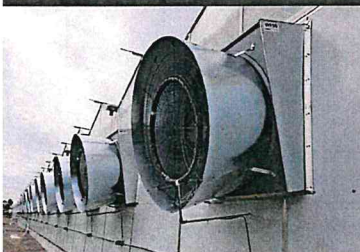
24 / 7 Odor Monitoring & Reporting

EXHAUST FANS

ROOF / RIDGE / SIDE VENTS

EXTRACTION / DRYING

OUTDOOR CROPS



HOW IT WORKS

Cannabusters' patented formulation is atomized into exhaust air streams. All Odor molecules that come into contact with Cannabusters are **eliminated** by oxidation.

Great news, Cannabusters does not add VOCs like other systems such as Vapor Phase, Enzyme or Fragrances based products.

Cannabusters, is also reviewed by a Professional Engineer and Certified Industrial Hygienist as best available control technologies (BACT).

Cannabusters eliminates Cannabis Odor molecules

Independent verification proves it!

APPLICATIONS

Greenhouses

Whether positive or negative pressure, exhaust fans, roof/ridge/side vents or both, Cannabusters' delivery systems eliminate odor on contact.

Extraction / Drying Facilities

Odor is eliminated at exhaust points.

Distribution or warehousing

Wherever cannabis odor issues are, Cannabusters eliminates them.

Outdoor crops

cannabis or hemp outdoor fields

...and much more!

IS CANNABUSTERS SAFE?

100% yes!

Multiple health and safety studies from independent sources attest to Cannabusters' safety. All are available on request.

Safe for people, plants and the planet



Eliminate odors



Value to Your Business



Easy to Use



100% Safe

No residual fragrance, not a vapor phase system, no odor!

Why use high pressure fog by Fogco to deploy Cannabusters®

- Independently tested and verified.
- Municipality and regulatorily approved technology.
- More cost effective and efficient than other odor control solutions.
- Nontoxic, environmentally friendly and biodegradable with no contamination impact.

How High Pressure Fog Works to Control Odor

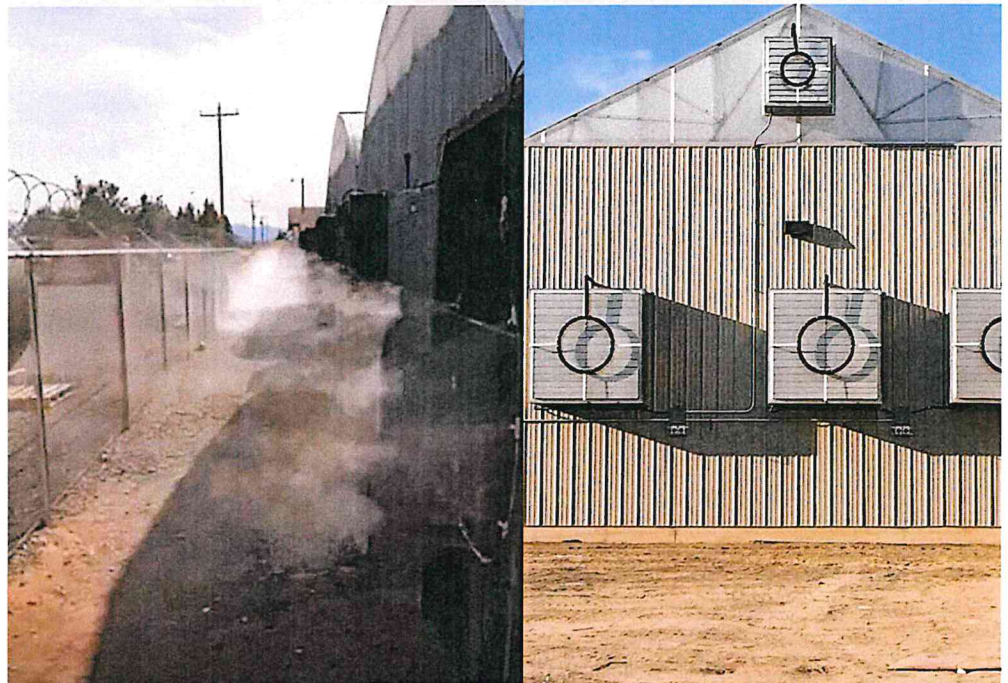
Scientifically developed, patented and independently tested, Cannabusters® is injected into the water supply which is then pressurized to 1,000 psi to create fog. It's delivered via high pressure fog nozzles that are installed wherever odor treatment is needed including on the exterior of your vents or ducts. When the fog containing the Cannabusters® and the airborne odors mix, a series of chemical reactions occur, that completely neutralize the odor escaping the facility.

Why Fogco for Your Odor Control Solution?

Fogco is the high-pressure fog industry pioneer, having been in business since 1989. Fogco has developed a proven solution to the cannabis industry's biggest challenge, odor control. Fogco's system, when installed as designed, has been independently tested and verified to provide odor mitigation.

Over the years, Fogco has provided complete odor control systems covering millions of square feet of production and storage at facilities worldwide. Fogco was the first to eliminate cannabis odor through the use of fog and has partnered with growers, manufactures, consultants, warehouses, and others within the cannabis industry to provide total odor elimination.

Fogco will customize an odor control solution for your business that will meet regulatory requirements, allowing you to avoid costly delays and potential shut downs. Fogco does it all, from small, private residential facilities to the largest commercial grow facilities and warehouses, and everything in between. Trust the industry leader to solve your odor concerns so you can focus on your business.



Partner with Fogco to completely eliminate your cannabis odor issues.

Odor Mitigation Technology

Tested. Trusted. Deployed in millions of sq ft

For odor control, Fogco offers a broad range of 1000-psi high pressure misting systems. From our economical direct drive pump to our fully customized units, all of our mist pumps are built with high-quality components and have a proven track record of over 30 years.

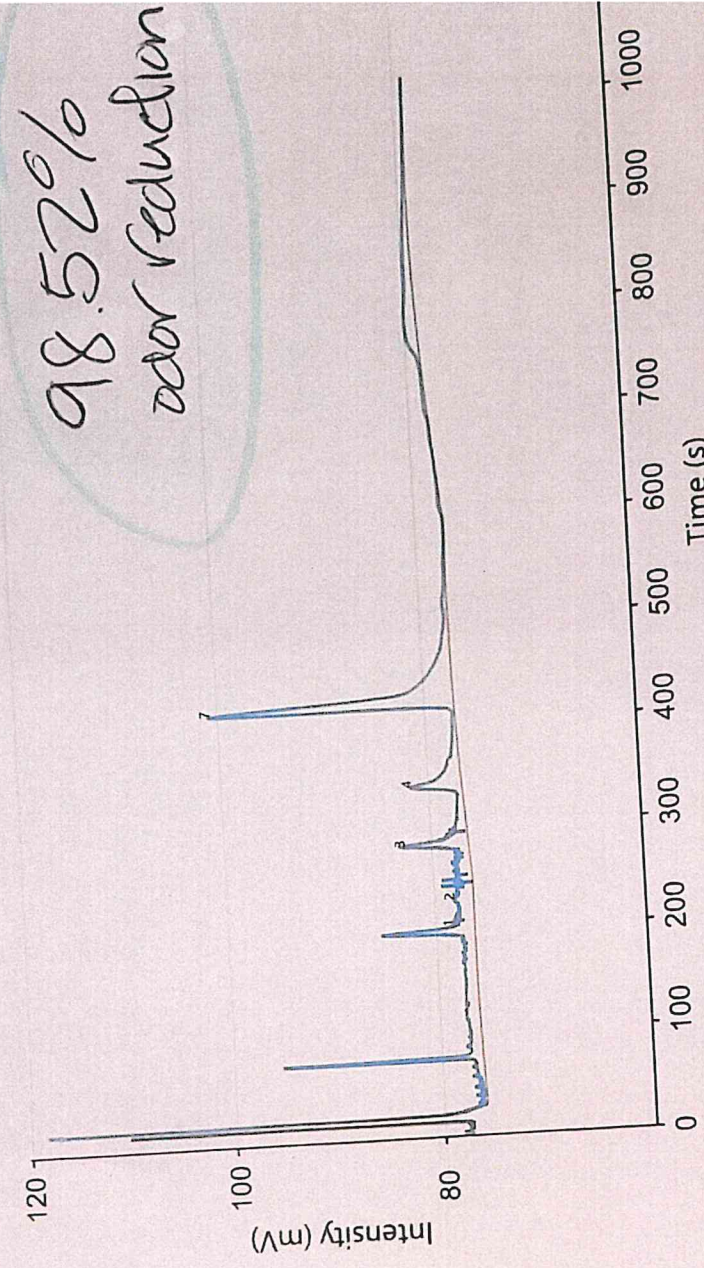
This range of pumps can also be equipped with an optional high-pressure safety switch, a variable frequency drive, PLC controls, and can be integrated into the automation of any building maintenance system. These upgrades make the Fogco range of pumps the most protected and highest rated pumps on the market. **Fogco backs that up with our industry-leading 5-year warranty!**

The Fogco system can utilize stainless steel, copper or nylon tubing. The most versatile and convenient of these options is our high pressure flexible nylon and proprietary slip lok fittings. This option allows for on-site assembly and the ability to remove and reassemble individual fittings at any time without the need for special tools. The nozzle fittings can also be rotated on the nylon tubing allowing for changing the direction of the mist from each individual fitting. These are the highest quality slip lok fittings on the market.

Over the last 30 years, Fogco has developed an extensive range of tubing and fittings exclusively for mist system and fog system applications. The options include robotically welded stainless steel in 10 foot or 20-foot lengths, pre-soldered copper in 10' lengths, or flexible nylon (up to 500' lengths) and slip lok fittings. By adding an injector and introducing a proven odor solution, a highly effective equipment package is available for Fogco to help with your odor concerns.



Pressure (psi): 7
 Temp1 (°C): 180
 Temp2 (°C): 180
 Low Temperature (°C): 35
 Temp1 Hold Time (min): 3
 Temp2 Hold Time (min): 0
 Ramp Speed 1 (°C/min): 30
 Ramp Speed 2 (°C/min): 35



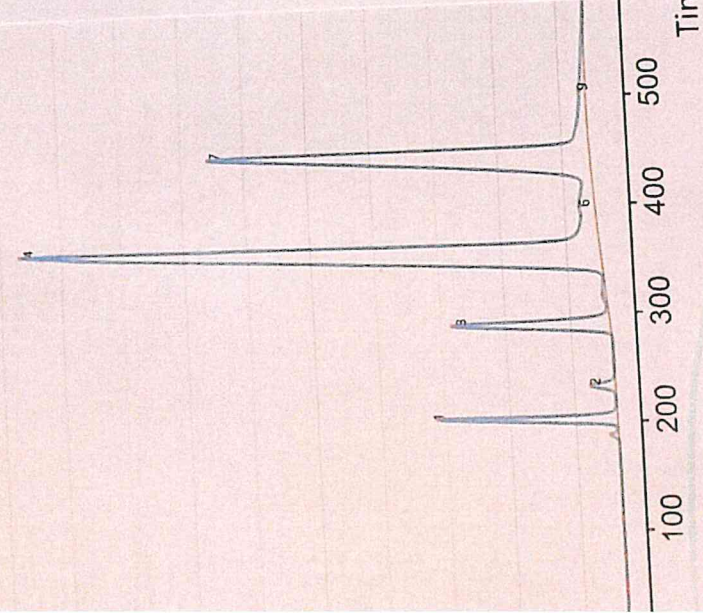
TVOC Concentration: 298.5 ppb

Peak#	Compound	RT (s)	FWHM (s)	Height	Area	Conc
1	α -Pinene	204.78	1.60	2.31	3.54	
2	Camphene	230.38	0.40	2.00	1.78	
3	β -Pinene	284.68	3.90	6.74	24.75	
4	β -Myrcene	342.18	5.70	5.07	30.10	
5	δ -3-Carene	0.00	0.00	0.00	0.00	

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Temp1 Hold Time (m): 180
 Temp2 Hold Time (m): 180



Concentration: 20140.9 ppb

Compound	RT (s)	F
α -Pinene	202.18	
Camphene	232.68	
β -Pinene	289.68	
β -Myrcene	361.88	
δ -3-Carene	0.00	

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