






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1311801/1311901	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ODOR BUSTER – MANGO TANGO, MOUNTAIN BREEZE	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Odor Control Fogger	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3	SIGNAL WORD: WARNING	SYMBOL:			
--	---------------------------------------	----------------	---	---	---

HAZARD STATEMENTS:

H280 Contains gas under pressure; may explode if heated.
H222 Extremely flammable aerosol.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

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 gas.
P264 Wash hands and skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection/face protection.

OTHER HAZARDS:

None known.

3. Composition / Information on Ingredients

Mixture:			
Chemical Name	CAS	%	Other Identifiers
Acetone	67-64-1	75	
n-Butane	106-97-8	10	
Propane	74-98-6	10	
Fragrance	No CAS	5	

4. First Aid Measures

EMERGENCY OVERVIEW

INHALATION:

Move to fresh air. Call a Poison Centre or doctor if you feel unwell.

SKIN CONTACT:

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs, get medical advice or attention.

EYE CONTACT:

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

INGESTION:

Call a Poison Centre or doctor if you feel unwell.

FIRST-AID COMMENTS:

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

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

May cause moderate to severe irritation.

IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT

Special Instructions: Not applicable.

Medical Conditions Aggravated by Exposure: None known.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA

SUITABLE FIRE EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical powder or appropriate foam.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS ARISING FROM THE PRODUCT:

Closed containers may rupture violently when heated releasing contents. In a fire, the following hazardous materials may be generated: flammable chemicals; irritating chemicals; toxic chemicals; very toxic carbon monoxide, carbon dioxide.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles. Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

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. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment.

ENVIRONMENTAL PRECAUTIONS:

Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent releases into the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Ventilate the area to prevent the gas from accumulating, especially in confined spaces.

OTHER INFORMATION:

Report spills to local health, safety and environmental authorities, as required.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Do not puncture or incinerate container even when empty. Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Prevent heating. Do not use near welding operations or other high energy sources. Only use where there is adequate ventilation. Avoid breathing in this product. Prevent skin contact. Do not get in eyes. Wash hands thoroughly after handling this material.

CONDITIONS FOR SAFE STORAGE:

Restrict access to authorized personnel only. Store in an area that is: temperature-controlled, well-ventilated, out of direct sunlight and away from heat and ignition sources.

8. Exposure Controls / Personal Protection

OCCUPATIONAL EXPOSURE LIMITS:

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Acetone	500 ppm	750 ppm	1000			
n-Butane	1000 ppm		800 ppm			
Propane	1000 ppm		1000 ppm			

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Wear chemical safety goggles and face shield when contact is possible.

Skin Protection: Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection: Not normally required if product is used as directed.

APPROPRIATE ENGINEERING CONTROLS:

General ventilation is usually adequate.

9. Physical & Chemical Properties

Appearance:	Clear gas.	Flammability (solid, gas):	Not available
Physical State:	Gas	Upper/Lower Flammability or Explosive Limit:	Not available (upper); Not available (lower)
Form:	Aerosol	Vapor Pressure:	~ 18009.40 mm Hg (2401.25 kPa) at 68°F (estimated)
Color:	Not available	Vapor Density (air = 1):	Not available
Odor:	Not available	Relative Density (water = 1):	~ 0.701 (estimated) at 20°C (68°F)
Odor Threshold:	Not available	Solubility:	Not available in water; Not available (in other liquids)
pH:	Not available	Partition Coefficient (n-octanol/water) (Log Kow):	2.36 at 20°C (68°F) (estimated) (Propane)
Melting/Freezing Point:	Not available (melting)	Auto-Ignition Temperature:	Not available
Initial Boiling Point/Range:	Not available	Decomposition Temperature:	Not available
Flash Point:	< -156.00°F (-104.44°C) (estimated) (Acetone)	Viscosity:	Not available (kinematic); Not available (dynamic)
Evaporation Rate:	Not available		

10. Stability & Reactivity Information

REACTIVITY:

Not reactive under normal conditions of use.

CHEMICAL STABILITY:

Normally stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None expected under normal conditions of storage and use.

CONDITIONS TO AVOID:

High temperatures. Temperatures above 122.0°F (50.0°C)

INCOMPATIBLE MATERIALS:

None known.

Not corrosive to metals.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

11. Toxicological Information

Information presented below is for the entire product, unless otherwise specified.

LIKELY ROUTES OF EXPOSURE:

Ingestion; inhalation; skin contact; eye contact.

ACUTE TOXICITY:

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Acetone	76 mg/kg (mouse) (4-hour exposure) (gas)	5800 mg/kg (rat)	20000 mg/kg (rabbit)
n-Butane	1237 mg/L (mouse) (2-hour exposure)		
Propane	658 mg/L (rat) (4-hour exposure)		

SKIN CORROSION/IRRITATION:

Human experience and animal tests show no or very mild irritation.

SERIOUS EYE DAMAGE/IRRITATION:

Human experience shows serious eye irritation.

STOT (SPECIFIC TARGET ORGAN TOXICITY) - SINGLE EXPOSURE

INHALATION:

May be harmful based on information for closely related materials.

SKIN ABSORPTION:

No information was located.

INGESTION:

Not a relevant route of exposure (gas).

ASPIRATION HAZARD:

Not known to be an aspiration hazard.

STOT (SPECIFIC TARGET ORGAN TOXICITY) - REPEATED EXPOSURE:

Not harmful based on information for closely related chemicals.

RESPIRATORY AND/OR SKIN SENSITIZATION:

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

CARCINOGENICITY

CHEMICAL NAME	IARC	ACGIH®	NTP	OSHA
Acetone		A4		

Not known to cause cancer.

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.

Effects on or via Lactation: Not known to cause effects on or via lactation.

GERM CELL MUTAGENICITY:

Not mutagenic.

INTERACTIVE EFFECTS:

No information was located.

12. Ecological Information

ECOTOXICITY:

No information was located.

ACUTE AQUATIC TOXICITY

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Acetone	4740-6330 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; fresh water)	21.6-23.9 mg/L (Daphnia magna (water flea); 48-hour; fresh water)		

PERSISTENCE AND DEGRADABILITY:

No information was located.

BIOACCUMULATIVE POTENTIAL:

This product or its degradation products are expected to bioaccumulate.

MOBILITY IN SOIL:

Studies are not available.

OTHER ADVERSE EFFECTS:

There is no information available.

13. Disposal Consideration

DISPOSAL METHODS:

This product is classified as a D001 Hazardous Waste under RCRA. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. 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. The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

14. Transportation Information

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1950	Aerosols, flammable	2.1	
IATA (Air)	1950	Aerosols, flammable	2.1	
IMO (Marine)	1950	Aerosols, flammable	2.1	

SPECIAL PRECAUTIONS:

Not applicable.

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

Not applicable.

Emergency Response: 10L

Guide No.

OTHER INFORMATION:

DOT: This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. DOT: This material may ship by passenger plane as: UN1950, Aerosols, 2.1, Limited Quantity. Must have a flammable label and Limited Quantity (Y) label if shipping by air. **IATA:** This product meets the exception requirements as a limited quantity and may be shipped as a limited quantity. Follow all rules and regulations to do so.

15. Regulatory Information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS

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 or are not required to be listed.

USA

SUBSTANCES CONTROL ACT (TSCA) SECTION 8(B):

All ingredients are listed on the TSCA Inventory.

ADDITIONAL USA REGULATORY LISTS:

CERCLA. (Acetone)

US Federal. (Acetone)

New Jersey Right To Know. (Propane). (n-Butane)

Pennsylvania Right To Know. (Acetone). (n-Butane). (Propane)

16. Other Information

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.