



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1099201	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	FABRA-CADABRA	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Enzyme Carpet & Upholstery Cleaner & Odor Eliminator	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Gases Under Pressure - Compressed Gas Reproductive Toxicity - Category 1 Respiratory Sensitizer - Category 1 Skin Sensitizer - Category 1	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS - Physical

H280 - Contains gas under pressure; may explode if heated.

HAZARDOUS STATEMENTS - Health

H360 - May damage fertility or the unborn child.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 - May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

General: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Prevention: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves, protective clothing, eye protection and face protection.

P261 - Avoid breathing mist, vapors or spray.

P284 - In case of inadequate ventilation, wear respiratory protection.

P272 - Contaminated work clothing should not be allowed out of the workplace.

Response: P308 + P313 - IF exposed or concerned: Get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 - If skin irritation or a rash occurs: Get medical attention.

P363 - Wash contaminated clothing before reuse.

Storage: P410 + P403 - Protect from sunlight. Store in a well-ventilated place.

P405 - Store locked up.

Disposal: P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Bacteria, complex with amylase and proteinase	68920-42-3	1% - 5%
BUTANE	106-97-8	1% - 5%
PROPANE	74-98-6	1% - 5%
Fragrance	Confidential	0.1% - 1
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)	12179-04-3	0.3% - 1%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

SKIN: If skin irritation occurs: Get medicine advice/attention. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

INHALATION:

Call a physician or poison control center immediately. If breathing stops, provide artificial respiration. Move to fresh air. If breathing is difficult give oxygen.

INGESTION:

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

No data available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No data available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam, alcohol foam, carbon dioxide, dry chemical, water fog.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water may be ineffective but can be used to cool containers exposed to heat or flame. Do not use water jet as an extinguisher as this will spread the fire.

SPECIFIC HAZARDS IN CASE OF FIRE:

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will not support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

FIRE-FIGHTING PROCEDURES:

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

SPECIAL PROTECTIVE ACTIONS:

Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

6. Accidental Release Measures

EMERGENCY PROCEDURE:

Ventilate area. Remove all sources of ignition.

RECOMMENDED EQUIPMENT:

See Section 8 for specifics on protective personal equipment (PPE).

PERSONAL PRECAUTIONS:

Avoid breathing vapors. Ventilate area. Wear safety glasses and gloves.

ENVIRONMENTAL PRECAUTIONS:

Stop spill/release if it can be done safely.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

7. Handling and Storage

GENERAL: Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

VENTILATION REQUIREMENTS:

Use in a well-ventilated place.

STORAGE ROOM REQUIREMENTS:

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

Skin Protection: Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory Protection: In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

APPROPRIATE ENGINEERING CONTROLS:

Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin Designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)								2 (l)
BUTANE								
PROPANE	1800	1000					1	

Chemical Name	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)		6 (l)		A4	URT irr	A4	1	
BUTANE			1000 (EX)		CNS impair		1900	800
PROPANE			Simple asphyxiant (D), explosion hazard (EX)		Asphyxia		1800	1000

Chemical Name	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)			
BUTANE			
PROPANE			

(C) - Ceiling limit, (l) - Inhalable fraction, A4 - Not Classifiable as a Human Carcinogen, CNS - Central nervous system, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

9. Physical & Chemical Properties			
Appearance:	Not applicable.	Flammability(solid/gas):	Flash point below 73°F/23°C
Odor Description:	Not applicable.	Explosive Limit-Lower (%):	Not applicable.
Odor Threshold:	Not applicable.	Explosive Limit-Upper (%):	Not applicable.
pH:	Not applicable.	% VOC:	4.06%
Melting/Freezing Point:	Not applicable.	Density:	7.45 lb/gal
Boiling Point/Range:	Not applicable.	Density VOC:	0.30 lb/gal
Viscosity:	Not applicable.	Solubility (water):	Not applicable.
Flash Point:	Not applicable.	Auto-Ignition Temp:	Not applicable.
Flash Point Symbol:	Not applicable.	Decomposition Temp:	Not applicable.
Evaporation Rate:	Slower than ether		

10. Stability & Reactivity Information	
STABILITY:	The product is stable under normal storage conditions.
CONDITIONS TO AVOID:	High temperatures.
INCOMPATIBLE MATERIALS:	None known.
HAZARDOUS REACTIONS/POLYMERIZATION:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

11. Toxicological Information	
SKIN CORROSION/IRRITATION:	Based on available data, the classification criteria are not met.
LIKELY ROUTE OF EXPOSURE:	Inhalation, ingestion, skin absorption.
SERIOUS EYE DAMAGE/IRRITATION:	Based on available data, the classification criteria are not met.
CARCINOGENICITY:	Based on available data, the classification criteria are not met.
GERM CELL MUTAGENICITY:	Based on available data, the classification criteria are not met.
REPRODUCTIVE TOXICITY:	May damage fertility or the unborn child.
RESPIRATORY/SKIN SENSITIZATION:	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:	Based on available data, the classification criteria are not met.
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:	Based on available data, the classification criteria are not met.
ASPIRATION HAZARD:	Based on available data, the classification criteria are not met.
ACUTE TOXICITY:	Based on available data, the classification criteria are not met.
	0000106-97-8 BUTANE
	LC50 (mouse): 202000 ppm (481000 mg/m3) (4-hour exposure); cited as 680 mg/L (2-hour exposure) (9)
	LC50 (rat): 276000 ppm (658000 mg/m3) (4-hour exposure); cited as 658 mg/L (4-hour exposure) (9)

12. Ecological Information	
TOXICITY:	Based on available data, the classification criteria are not met.
PERSISTENCE AND DEGRADABILITY:	No data available.
BIOACCUMULATIVE POTENTIAL:	No data available.
MOBILITY IN SOIL:	No data available.
OTHER ADVERSE EFFECTS:	No data available.

13. Disposal Consideration	
WASTE DISPOSAL:	Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

14. Transportation Information

DOT: UN Number: UN1950
UN Proper Shipping Name: Aerosols
Transport Hazard Class(es):
Class: 2.2
Packing Group: Not applicable.
Hazardous Substance (RQ): No data available.
Marine Pollutant: No data available.
Note/Special Provision: (LTD QTY)
Toxic-Inhalation Hazard: No data available.

IATA: UN Number: UN1950
UN Proper Shipping Name: Aerosols, non-flammable
Transport Hazard Class(es):
Class: 2.2
Packing Group: Not applicable.
Note/Special Provision: (LTD QTY)

IMDG: UN Number: UN1950
UN Proper Shipping Name: Aerosols
Transport Hazard Class(es):
Class: 2.2
Packing Group: Not applicable.
Marine Pollutant: No data available.
Note/Special Provision: (LTD QTY)

15. Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
68920-42-3	Bacteria, complex with amylase and proteinase	1% - 5%	SARA312, TSCA
106-97-8	BUTANE	1% - 5%	SARA312, VOC, TSCA, ACGIH
74-98-6	PROPANE	1% - 5%	SARA312, VOC, TSCA, ACGIH, OSHA
Confidential	Fragrance	0.1% - 1%	
12179-04-3	BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)	0.3% - 1%	SARA312, ACGIH
75-21-8	ETHYLENE OXIDE	Trace	SARA313, CERCLA, HAPS, SARA312, VHAPS, VOC, TSCA, RCRA, ACGIH, California Prop 65 - Cancer - Developmental - Male - Female, OSHA

16. Other Information

GLOSSARY:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94- 469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

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