






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1503	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	Garb-Cide	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosols Residual Insecticide	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 Dissolved Gas Eye Irritant: Category 2B Aspiration Hazard: Category 1	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Extremely Flammable Aerosol Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, sparks, open flames, and 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. Wash hands thoroughly after handling.

Response: IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Store locked up.

Disposal: Dispose of contents and container in accordance with local, state, and national regulations

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Isoparaffinic Hydrocarbon	64742-47-8	60-100
Carbon Dioxide	124-38-9	1-5

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

INHALATION: Move to fresh air. Administer artificial breathing if breathing has stopped. Seek immediate medical help.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

ACUTE HEALTH HAZARDS:

Eyes: redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:

Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.

NOTE TO PHYSICIAN:

There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, alcohol or alcohol-resistant foam or carbon dioxide. Water may be ineffective.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water spray/stream.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Oxides of carbon.

SPECIFIC FIRE-FIGHTING METHODS:

Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear NIOSH approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Refer to Section 8 for proper personal protective equipment.

ENVIRONMENTAL PRECAUTIONS:

Clean up with noncombustible material like vermiculite, sand or earth. If many cans are opened, remove ignition sources. Prevent spill from entering sewers, storm drains and natural waterways.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Dispose of in accordance with federal, state and local regulations. Containers may be hazardous when empty.

RCRA STATUS:

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. Handling and Storage**SAFE HANDLING:**

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

SAFE STORAGE & INCOMPATIBILITIES:

Keep out of the reach of children. Incompatible with some plastics and strong oxidizers.

8. Exposure Controls / Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
Isoparaffinic Hydrocarbon	400 ppm	400 ppm
Carbon Dioxide	5,000 ppm	5,000 ppm

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: Not required with normal use.

General Hygiene Considerations: Wash hands thoroughly after handling.

APPROPRIATE ENGINEERING CONTROLS:

Normal, forced ventilation required. Local exhaust ventilation is generally preferred.

9. Physical & Chemical Properties

Appearance:	Clear aerosol.	Flammability(solid/gas):	Extremely flammable aerosol.
VOC (Volatile Organic Compounds):	<1%	Flammability Limit-lower (%):	Not applicable.
Dielectric Strength (Volts):	18,000	Flammability Limit-upper (%):	Not applicable.
Odor:	Cherry.	Solids (%):	0%
Odor Threshold:	Not determined.	Vapor Density (AIR=1):	<6
pH:	Not applicable.	Vapor Pressure (mm Hg):	0.4
Freezing Point:	Not determined.	Volatility including Water (%):	3%
Boiling Point/Range:	450	Auto-Ignition Temp:	Not determined.
Viscosity:	Not determined.	Partition Coeff(n-octanol/water):	Not determined.
Flash Point:	> 200°F (93°C)	Specific Gravity (H₂O=1):	0.820
Evaporation Rate:	<1		

10. Stability & Reactivity Information**REACTIVITY:**

None known.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Temperatures greater than 122°F and sources of ignition.

INCOMPATIBLE MATERIALS:

Some plastics and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

11. Toxicological Information**TOXICOLOGICAL INFORMATION:**

Isoparaffinic Hydrocarbon: (64742-47-8) LD50 (Oral, Rat) 5 g/kg; LD50 (Dermal, Rabbit) 2 g/kg; LC50 (Rat, 4hr) 5 mg/L

PRIMARY ROUTE OF ENTRY:

Ingestion, inhalation, skin.

Eyes: Causes irritation, redness, tearing.

Skin: May cause mild irritation, localized defatting.

Inhalation: May cause dizziness. Excessive exposure may lead to oxygen deprivation and unconsciousness.

Ingestion: Causes gastrointestinal irritation, nausea, diarrhea, vomiting.

MEDICAL CONDITION AGGRAVATED:

Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.

ACUTE TOXICITY:

Eyes: redness, tearing, blurred vision.

CARCINOGENICITY:

OSHA: No.

ACGIH: No.

NTP: No.

IARC: No.

OTHER: Not applicable.

CHRONIC EFFECTS:

Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.

12. Ecological Information

ECOTOXICITY:

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to any body of water.

PERSISTENCE AND DEGRADABILITY:

Component or components of this product are not biodegradable.

BIOACCUMULATIVE POTENTIAL:

Components in this mixture can bioaccumulate in aquatic organisms.

MOBILITY IN SOIL:

This product is mobile in soil.

OTHER ADVERSE EFFECTS:

This material is toxic to aquatic life.

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Dispose of in accordance with federal, state and local regulations. Containers may be hazardous when empty.

RCRA STATUS:

Waste likely considered hazardous under RCRA; however product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

DOT: **UN Number:** UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1
Packing Group: Not applicable.

AIR SHIPMENT

UN Number: UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1

SHIPPING BY WATER (IMO/IMDG):

UN Number: UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1
Environmental Hazards – Water: Not applicable.

15. Regulatory Information

TSCA STATUS:

All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

None.

SARA 311/312 HAZARD CATEGORIES:

None.

SARA 313 REPORTABLE INGREDIENTS:

None.

STATE REGULATIONS:

California Proposition 65: None.

INTERNATIONAL REGULATIONS:

All components are listed or exempted. This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or spray mist. Causes eye irritation. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. Remove pets, birds, and cover fish aquariums before spraying. Do not allow children or pets to contact treated surfaces until spray has dried. Keep away from heat, sparks, and open flame. Do not use under or around gas stoves, water heaters, or other gas utilities (including home heating units) with open flames or pilot lights. Contents under pressure. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

EPA Reg. No. 44446-65

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.