




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	3508	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	DRI-CIDE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Ready-To-Use Crack And Crevice Powdered Insecticide	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Not a GHS controlled substance.	SIGNAL WORD: Not classified.	SYMBOL:	NOT A CONTROLLED  PRODUCT UNDER GHS
---	--	----------------	--

HAZARD STATEMENTS:
Not a GHS controlled substance.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	% BY WEIGHT	CLASSIFICATION (GHS-US)
hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-47-8	1.0-5.0	Flam. Liq. 4, H227 Asp. Tox. 1, H304
pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex	8003-34-7	0.5-1.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation: dust, mist), H332

Full text of H-phrases: See Section 16.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: If you feel unwell, seek medical advice (show the label where possible).

EYES: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

SKIN: Rinse skin with water/shower.

INHALATION:

Remove the victim into fresh air.

INGESTION:

Rinse mouth with water. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS AND EFFECTS (both acute and delayed):

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact: Harmful in contact with skin.

Symptoms/injuries after eye contact: Direct contact with the eyes is likely irritating. Lacrimation.

Symptoms/injuries after ingestion: Gastrointestinal complaints.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information is available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray. Dry chemical powder. Carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Reactivity: Upon combustion: CO and CO₂ are formed.

SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Isolate from fire, if possible without unnecessary risk.

For non-emergency personnel: Protective goggles. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes, and clothing. Ventilate spillage area.

For emergency responders: Equip cleanup crew with proper protection. Stop leak, if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS, CONTAINMENT, & CLEANING UP:

Avoid release to the environment. Prevent entry to sewers and public waters. Collect spillage. This material and its container must be disposed of in a safe way, and as per local legislation.

REFERENCE TO OTHER SECTIONS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink, or smoke when using this product. Do not get in eyes, on skin, or on clothing.

HYGIENE MEASURES:

Wash thoroughly after handling. Wash contaminated clothing before reuse.

CONDITIONS FOR SAFE STORAGE:

Technical measures: Comply with applicable regulations.

Storage conditions: Keep container closed when not in use.

Incompatible products: Oxidizing agent.

Storage area: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.

Special rules on packaging: Meet the legal requirements.

8. Exposure Controls / Personal Protection

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT:

Use appropriate personal protective equipment when risk assessment indicates this is necessary.

9. Physical & Chemical Properties

Appearance:	Fine, white powder.	Flammability(solid/gas):	No data available.
Physical State:	Solid.	Boiling Point:	No data available.
Odor:	Mild odor.	Explosion Limits:	No data available.
Odor Threshold;	No data available.	Explosive Properties:	No data available.
pH:	6.6 @ 20% (V/V) washed in water.	Vapor Pressure:	No data available.
Melting Point:	No data available.	Relative Vapor Density (@20°C):	No data available.
Freezing Point:	No data available.	Relative Density:	No data available.
Log POW:	No data available.	Solubility:	No data available.
Viscosity:	No data available.	Auto-Ignition Temperature:	No data available.
Specific Gravity/Density:	0.304 g/cm ³	Decomposition Temperature:	No data available.
Relative Evap Rate (butyl acetate=1):	No data available.	Oxidizing Properties:	No data available.
Viscosity (kinematic):	No data available.	Viscosity (dynamic):	No data available.
Log KOW:	No data available.	Flash Point:	> 200°F TAG Closed Cup.

10. Stability & Reactivity Information

REACTIVITY:

Upon combustion: CO and CO₂ are formed.

CHEMICAL STABILITY:

No additional information available.

POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to section 10.1 on Reactivity.

INCOMPATIBLE MATERIALS:

No additional information available.

CONDITIONS TO AVOID:

No additional information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

ACUTE TOXICITY:

Not classified.

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

LD50 oral rat: 200 mg/kg (Rat)

LC50 inhalation rat (mg/l): 3.4 mg/l/4h (Rat)

ATE CLP (oral): 200.000 mg/kg body weight

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

ATE CLP (dermal): 1100.000 mg/kg body weight.

ATE CLP (vapors): 3.400 mg/l/4h

ATE CLP (dust, mist): 3.400 mg/l/4h

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

LD50 dermal rabbit: > 5000 mg/kg body weight (Rabbit; Literature)

SKIN CORROSION/IRRITATION:

Not classified.

pH: 6.6 @ 20% (V/V) washed in water.

SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

pH: 6.6 @ 20% (V/V) washed in water.

RESPIRATORY OR SKIN SENSITIZATION:

Not classified.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENICITY:

Not classified.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (repeated exposure):

Not classified.

ASPIRATION HAZARD:

Not classified.

SYMPTOMS/INJURIES AFTER INHALATION:

May cause respiratory irritation.

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

Harmful in contact with skin.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Direct contact with the eyes is likely irritating. Lacrimation.

SYMPTOMS/INJURIES AFTER INGESTION:

Gastrointestinal complaints.

12. Ecological Information**TOXICITY:**

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

LC50 fish 1: 0.049 mg/l (96 h; Lepomis macrochirus).

LC50 other aquatic organisms 1: 0.011 mg/l (96 h; Gammarus sp.).

LC50 fish 2: 0.009 mg/l (96 h; Ictalurus punctatus).

Threshold limit other aquatic organisms 1: 0.011 mg/l (96 h; Gammarus sp.).

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

LC50 fish 1: > 100 mg/l (Pisces).

EC50 Daphnia 1: > 100 mg/l (Invertebrata).

Threshold limit algae 1: > 100 mg/l (Algae).

PERSISTENCE AND DEGRADABILITY:

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

Persistence and degradability: Readily biodegradable in water.

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

Persistence and degradability: Readily biodegradable in water. Adsorbs into the soil.

BIOACCUMULATIVE POTENTIAL:

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

Log Pow: 6.15 (Estimated value).

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

Log Pow: 6 - 8.2.

Bioaccumulative potential: High potential for bioaccumulation (Log Kow > 5).

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information**DEPARTMENT OF TRANSPORTATION (DOT)**

In accordance with DOT: Not regulated for transport.

ADDITIONAL INFORMATION:

Other information: No supplementary information available.

ADR: No additional information available.

TRANSPORT BY SEA:

No additional information available.

AIR TRANSPORT:

No additional information available.

15. Regulatory Information

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

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

PIPERONYL BUTOXIDE CAS No 51-03-6 7.0 - 13.0

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

Not listed on SARA Section 313 (Specific toxic chemical listings).

RQ (Reportable quantity, section 304 of EPA's List of Lists): 1 lb.

California Proposition 65 –

This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

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:

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs.

16. Other Information

TRAINING ADVICE:

Normal use of this product shall imply use in accordance with the instructions on the packaging.

FULL LIST OF H-PHRASES:

Acute Tox. 3: (Dermal) Acute toxicity (dermal) Category 3
Acute Tox. 3: (Oral) Acute toxicity (oral) Category 3
Acute Tox. 4: (Inhalation) Acute toxicity (inhalation) Category 4
Acute Tox. 4: (Inhalation: dust, mist) Acute toxicity (inhalation: dust, mist) Category 4
Asp. Tox. 1: Aspiration hazard Category 1
Flam. Liq. 4: Flammable liquids Category 4
H227: Combustible liquid
H301: Toxic if swallowed
H304: May be fatal if swallowed and enters airways
H311: Toxic in contact with skin
H332: Harmful if inhaled

N/A = Not Applicable; N/D = Not Determined

NFPA	Health Hazards: 2	Flammability: 1	Instability: 0	Physical & Chemical Properties:
-------------	-------------------	-----------------	----------------	---------------------------------

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.