

Issue Date: 25-Mar-2008

Revision Date: 24-Jun-2015

Version 2

1. IDENTIFICATION

Product Identifier

Product Name United 236 DUSTED

Other means of identification

SDS # UNITED-236

Recommended use of the chemical and restrictions on use

Recommended Use Powdered Insecticide
Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
 320 37th Avenue
 St. Charles, IL 60174
 www.unitedlabsinc.com
 www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
 1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Off white powder

Physical State Solid

Odor Plant extract odor

Classification

Not classified

GHS-US labeling

No labeling applicable

Other hazards

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	%	Classification (GHS-US)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(CAS No) 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	(CAS No) 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

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General	If you feel unwell, seek medical advice (show the label where possible).
Eye Contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact	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

Symptoms	Not expected to present a significant hazard under anticipated conditions of normal use.
Eye Contact	Direct contact with the eyes is likely irritating. Lacrimation.
Skin Contact	Harmful in contact with skin.
Inhalation	May cause respiratory irritation.
Ingestion	Gastrointestinal complaints.

Indication of any immediate medical attention and special treatment needed

Notes to Physician	No additional information available
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray. Dry chemical powder. Carbon dioxide.

Specific Hazards Arising from the Substance or Mixture

Reactivity Upon combustion: CO and CO₂ are formed.

Protective equipment and precautions for firefighters

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

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures	Isolate from fire, if possible, without unnecessary risk.
For non-emergency personnel	
Protective equipment	Protective goggles. Gloves. Protective clothing.
Emergency procedures	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
For emergency responders	
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Stop release. Ventilate area.
Environmental precautions	Avoid release to the environment. Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

Methods for Containment	Collect spillage.
Methods for Clean-Up	This material and its container must be disposed of in a safe way, and as per local legislation.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	Comply with legal requirements. Do not handle until all safety precautions have been read and understood. Use personal 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, including any incompatibilities

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

Control Parameters

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

Exposure Controls

Personal Protective Equipment

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Mild plant extract odor
Appearance	Fine off white powder		

Color	Off white	Odor Threshold	No data available
Property	Values	Remarks • Method	
pH	6.6		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	> 200°F		
Relative evaporation rate	No data available		
Flammability	No data available		
Explosion limits	No data available		
Explosive properties	No data available		
Oxidizing properties	No data available		
Vapor pressure	No data available		
Relative density	No data available		
Relative vapor density	No data available		
Specific gravity/density	0.304 g/cm ³		
Solubility	No data available		
Low Pow	No data available		
Log Kow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Viscosity	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		
VOC Content	None		

10. STABILITY AND REACTIVITY

Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical Stability

No additional information available.

Possibility of Hazardous Reactions

Refer to section on Reactivity.

Conditions to Avoid

No additional information available.

Incompatible Materials

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

Demise Fire Ant & Insect Dehydrator	
LD50 oral rat	>5 g/kg Albino Rat
LD50 dermal rabbit	>2 g/kg Albino Rabbit

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
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.
Serious Eye Damage/Irritation	Not classified.
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.

Information on physical, chemical and toxicological effects

Symptoms after inhalation	May cause respiratory irritation.
Symptoms after skin contact	Harmful in contact with skin.
Symptoms after eye contact	Direct contact with the eyes is likely irritating. Lacrimation
Symptoms after ingestion	Gastrointestinal complaints.

12. ECOLOGICAL INFORMATION

Persistence/Degradability

Readily biodegradable in water. Absorbs into the soil.

Bioaccumulative Potential

Log Pow	6.15 (Estimated value)
Log Pow	6 – 8.2
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5)

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste Disposal Recommendations	Dispose of in a safe manner in accordance with local/national regulations.
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14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

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 (TCSA) inventory.

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

Piperonyl Butoxide	CAS No 51-03-6	7.0 – 13.0
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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 64

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

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	2	1	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Instability	Personal Protection
	2	1	0	O

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet