



LABORATORIES

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Version 1

# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** United 159 VANILLA BLAST INSECTICIDE

### Other means of identification

**SDS#** UNITED-159

### Recommended use of the chemical

#### And restrictions on use

**Recommended use** Crawling Insect Killer.  
**Uses Advised Against** For industrial and institutional use only.

### Details of the supplier of the safety data sheet

#### **Company Name**

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** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable aerosol	Category 1
Skin Sensitization	Category 1
Aspiration hazard	Category 1

### Label elements

#### Emergency Overview

# Danger

#### **Hazard statements**

Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause an allergic skin reaction.



**Prevention**

Keep away from heat/sparks/open flames/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. Use in a well-ventilated area. Avoid breathing gas. Contaminated work clothing must not be allowed out of the workplace.

**Response**

If swallowed: Immediately call a poison center or doctor. Do not induce vomiting. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Avoid release to the environment. Wear protective gloves.

**Storage**

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

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

Not classified.

**Environmental hazards**

Not classified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Petroleum Distillates (Hydrocarbons)	64742-47-8	90-100	*
Carbon Dioxide	124-38-9	2.5-10	*
Permethrin	52645-53-1	0.1-1	*
Piperonyl Butoxide	51-03-6	0.1-1	*
Tetramethrin	7696-12-0	0.1-1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**First aid measures**

Take off immediately all contaminated clothing. If you feel unwell, seek medical advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this SDS where possible. Keep victim warm and rested. Wash contaminated clothing before reuse.

**Skin Contact**

Remove/take off immediately all contaminated clothing. Get immediate medical advice / attention. For minor skin contact, avoid spreading material on unaffected skin. Wash contaminated clothing before reuse.

**Eye contact**

Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Inhalation**

Move to fresh air and keep at rest in a position comfortable for breathing. Artificial respiration and/or oxygen if necessary. Do not apply mouth-to-mouth resuscitation. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediately consult a doctor/medical service.

**Ingestion**

Never give anything by mouth to an unconscious person. Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

Eyes: Direct contact with eyes is likely irritating. Inhalation: Prolonged exposure: danger of damage to health through inhalation. Skin: Dermatitis. Skin rash/inflammation. May cause an allergic skin reaction. Ingestion: Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Risk of lung edema.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically. Keep watching the victim. Symptoms may be delayed.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Powder. Alcohol-resistant foam. Water fog. Carbon dioxide.

**Unsuitable extinguishing media** Do not use a water jet since it may cause the fire to spread.

**Specific hazards arising from the chemical**

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. The product is non-reactive under normal conditions of use, storage and transport.

**Protective equipment and precautions for firefighters**

In case of fire and/or explosion do not breathe fumes. Move containers away from the fire area if this can be done without risk. Never direct water jet on liquid. As in any fire, wear self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Some of these materials, if spilled, may evaporate leaving a flammable residue.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Consider initial downwind evacuation for at least 500 meters (1/3 miles). Evacuate unnecessary personnel. Stay upwind/keep distance from source. Gas is denser than air. May accumulate in low areas e.g., close to the ground. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

Do not enter without appropriate protective equipment. Do not breathe gas/vapor. Do not touch spilled material. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Ventilate the area thoroughly, especially low lying areas (basements, work pits, etc.). Advise local authorities if considered necessary.

**Environmental precautions****Environmental precautions**

Avoid discharge to the environment. Do not contaminate water with the product or its container. Do not allow to enter drains or water courses.

**Methods and material for containment and cleaning up**

**Methods for containment** Eliminate every possible source of ignition. No open flames, sparks, and no smoking. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Form with air vapors (heavier than air) which stay on the floor. Gas is denser than air. May accumulate in low areas e.g., close to the ground. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if safe to do so. Turn leaking containers leak-side up to prevent the escape of liquid. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to disperse the vapors. Isolate area until gas has dispersed.

**Methods for cleaning up** Following product recovery, flush area with water. Clean thoroughly. Dispose as hazardous waste. Reference to other Section 13.

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

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Vapors may form explosive mixture with air. Exclude sources of heat, sparks and open flame. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any incandescent material. Do not smoke while handling source of ignition. Use only explosion-free electrical equipment with earth. Do not re-use empty containers. Obtain special instructions before use. Reduce/avoid exposure and/or contact. Do not contact with skin. Use only outdoors or in a well-ventilated area. Wear recommended personal protective equipment. Wash thoroughly after handling. Use good personal hygiene practices.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Do not puncture, incinerate or crush. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Pressurized container. Store locked up. Store in a cool area. Level Aerosol 3.

**Incompatible materials** No information available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

Exposure Guidelines No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon Dioxide 124-38-9	TWA: 5000 ppm, 8 hours STEL: 30000 ppm	TWA: 1000 ppm	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Provide sufficient air exchange and/or exhaust. Ventilation rates should be matched conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Avoid contact with eyes. Safety goggles are recommended. Wear face shield.
<b>Skin and body protection</b>	Avoid contact with skin. Wear chemical protective equipment that is specifically recommended by the manufacturer. Use an impervious apron is recommended. It may provide little or no thermal protection. Use thermal protection is risk assessment indicates this is necessary.
<b>Respiratory protection</b>	If permissible levels are exceeded use NIOSH/MSHA mechanical filter / organic vapor cartridge or an air-supplied respirator.
<b>General Hygiene</b>	When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Aerosol
<b>Color</b>	Light yellow liquid
<b>Odor</b>	Vanilla scent
<b>Odor threshold</b>	No Information available

Property	Values	Remarks • Method
pH	No information available	
Specific Gravity	.0897 g/ml estimated	
Melting point/freezing point	No Information available	
Flash point	201.2°F estimated	
Boiling point / boiling range	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Lower flammability limit:	No information available	
Upper flammability limit:	No Information available	
Vapor pressure	6.1-6.78 atm	
Vapor density	No information available	
Water solubility	Insoluble	
Volatility Including water	No information available	
Partition coefficient	No Information available	
Autoignition temperature	200°C estimated	
Decomposition temperature	No Information available	
Viscosity, kinematic	<20 cSt	

**Other Information**

<b>VOC Content (%)</b>	No information available
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**10. STABILITY AND REACTIVITY**

**Reactivity**

This product is non-reactive under normal conditions of use, storage and transport.

**Chemical stability**

Risk of explosion. Risk of ignition. Unstable. The product is stable at normal handling and storage conditions.

**Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat. Open flame. Sparks. Incompatible materials. Aerosol containers are unstable at temperatures above 49°C. Avoid temperatures exceeding the flash point.

**Hazardous Decomposition Products**

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

**Incompatibility**

No additional information available.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

Eyes, ingestion, inhalation and eyes.

**Product Information**

- Inhalation** Prolonged exposure: danger of damage to health through inhalation.
- Eye contact** Direct contact with the eyes is likely irritating.
- Skin Contact** Dermatitis. Skin rash/inflammation. May cause an allergic skin reaction.
- Ingestion** Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Risk of lung edema.

Chemical Name	Oral LD50 – ATE CLP	Dermal LD50	Inhalation LC50
CIK – Crawling Insect Killer	-	1974 mg/kg (Rat) 1038.5883 mg/kg 24 hrs. estimated (Rabbit)	4,785 mg/l 4 hours (Rat)
Petroleum Distillates (Hydrocarbon) 64742-47-8	-	>5000 mg/kg (Rabbit)	-
Permethrin 52645-53-1	500000 mg/kg (Oral) 1500 mg/l 4 hours (Dust/Mist)	-	-

**Information on toxicological effects**

- Acute toxicity** Dermal, not classified.
- Sensitization** May cause an allergic skin reaction.
- Germ cell mutagenicity** No information available.
- Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.  
IARC group-Permethrin-3  
IARC group-Piperonyl Butoxide-3
- Reproductive toxicity** No Information available.
- STOT/ single and repeated exposure** No information available.
- Aspiration hazard** May be fatal if swallowed and enters airways.
- 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**

No information available.

**Persistence and degradability**

Readily biodegradable in water. Absorbs into the soil.

**Bioaccumulation**

High potential for bioaccumulation (Log Kow>5).

**Soil Mobility**

This product is mobile in soil.

**Other adverse effects**

None known.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Incinerate the material under controlled conditions in an approved incinerator. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

**Disposal of wastes**

Containers or internal liners coming from a container, having contained this product are also considered as hazardous wastes. This material and its container must be disposed of in a safe manner. Empty containers should be taken for recycle, recovery or waste in accordance with federal, state and local laws and regulations. Handle unclean empty containers as full ones.

**14. TRANSPORT INFORMATION**

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**DOT**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Labels</b>	2.1
<b>Class</b>	Flammable gases
<b>Special provisions</b>	N82
<b>Packaging exceptions</b>	306
<b>Quantity limitations</b>	75 kg
<b>Passenger aircraft</b>	
<b>Quantity limitations</b>	150 kg
<b>Cargo aircraft</b>	
<b>Other information</b>	This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found a 49 CFR 173.306.

**IATA**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Class</b>	Flammable gases

**IMDG**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Class</b>	Flammable gases
<b>Environmental Class</b>	
<b>Marine Pollutant</b>	Yes.

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL/NDSL Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Piperonyl Butoxide (51-03-6) – 0.1-1. Tetramethrin (7696-12-0) – 0.1-1. Permethrin (52645-53-1) – 0.1-1.

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations – California Proposition 65**

This product does not contain any Proposition 65 chemicals

**FIFRA Information**

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label also includes other important information, including directions for use. CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet.

**16. OTHER INFORMATION**

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

<b><u>NFPA</u></b>	Health hazards 1	Flammability 2	Reactivity 0	<b>Physical and Chemical Properties</b> None
<b><u>HMIS</u></b>	Health hazards 1	Flammability 2	Reactivity 0	

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 Revision Note  
 No Information available



**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**