



LABORATORIES

Issue Date 27-Aug-2015

Revision Date 08-Nov-2018

Version 2

# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** United 194 FIRE ANT K.O.

### Other means of identification

**SDS#** UNITED-194

### Recommended use of the chemical

#### And restrictions on use

**Recommended use** Provides Quick Killing Action and Residual Control  
**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

### 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)

Liquified Gas	
Flammable Aerosols	Category 1

### Label elements

## Danger

### Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

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



**Appearance** White Aerosol

**Physical state** Aerosol

**Odor** No distinct odor

**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.

**Response**

If on skin: wash with soap and water. Remove contaminated clothing. If in eyes: immediately flush with water. Seek medical attention. If inhaled: move to fresh air. Seek medical attention if any sign of loss of consciousness. If ingested: rinse mouth with water. Do not induce vomiting unless directed by medical authority.

**Storage**

Store in a well-ventilated place. 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.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
Isoparaffinic Hydrocarbon	64742-47-8	5-10
Propane/n-Butane	68476-86-8	10-30

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

**4. FIRST AID MEASURES**

**First aid measures**

- Eye Contact** Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.
- Skin contact** Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
- Inhalation** Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
- Ingestion** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

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

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

Notes 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 extinguishing media**

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

**Unsuitable extinguishing media** Water spray/stream.

**Specific hazards arising from the chemical**

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

**Protective equipment and precautions for firefighters**

Wear NIOSH approved SCBA 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.

**Hazardous combustion products**

Oxides of carbon.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Please refer to Section VIII for proper Personal Protective Equipment

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

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

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

**RCRA Status** Product should be fully characterized prior to disposal (40 CFR 261).

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Keep out of reach of children.

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

**Storage Conditions** Store in well-ventilated place.

**Incompatible materials** Some plastics and strong oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isoparaffinic Hydrocarbon	400 ppm	400 ppm	Not Established
Propane/n-Butane 7	1000 ppm	1000 ppm	Not Established

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Local ventilation/exhaust adequate to maintain vapor concentrations below PEL/TLV.

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

- Eye/face protection** Safety glasses.
- Skin and body protection** Chemical resistant gloves.
- Respiratory protection** No respiratory protection needed if directions are followed and used with normal use.

**General Hygiene** Use good personal hygiene practices. Wash hands thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Aerosol  
**Appearance** White Aerosol  
**Color** White  
**Odor** No distinct odor  
**Odor threshold** No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Specific Gravity	.975	
Viscosity	No information available	
Melting point/freezing point	No Information available	
Flash point	No information available	
Boiling point / boiling range	>212°F (100°C)	
Viscosity	No information available	
Evaporation rate	<1	
Flammability (solid, gas)	Extremely flammable aerosol	
Flammability Limits in Air	No information available	
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	0.4	
Density	<6	
Water solubility	100%	
Solids (%)	3.5%	
Volatility including water	98%	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No Information available	
VOC Content (%)	19%	

**10. STABILITY AND REACTIVITY**

**Reactivity**  
 Hazardous Polymerization will not occur.

**Chemical stability**  
 Stable under normal conditions.

**Possibility of Hazardous Reactions**  
 None known.

**Incompatibility**

Some plastics and strong oxidizers.

**Conditions to avoid**

Temperatures greater than 122°F and sources of ignition.

**Hazardous Decomposition Products**

Oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

This product is toxic to fish. Do not apply directly to water. This product is extremely toxic to fish and other aquatic organisms. To protect the environment, do not allow pesticide to enter or run off into storm drains, draining ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage system.

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	May cause dizziness. Excessive exposure may lead to oxygen deprivation and unconsciousness.
<b>Eye contact</b>	Causes irritation, redness, tearing.
<b>Skin Contact</b>	May cause mild irritation, localized defatting.
<b>Ingestion</b>	May cause nausea, diarrhea, vomiting.

**Information on toxicological effects**

**Symptoms** Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
<b>Serious eye damage/irritation</b>	No information available.
<b>Reproductive toxicity</b>	No Information available.
<b>Respiratory sensitization</b>	No information available.
<b>Chronic health hazard</b>	Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.
<b>Aspiration hazard</b>	No Information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Isoparaffinic Hydrocarbon (64742-47-8)** Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Expected to be readily biodegradable. This product is toxic to fish. Do not apply directly to water. This product is extremely toxic to fish and other aquatic organisms. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

**Persistence and degradability**

Component or components of this product are not biodegradable.

**Bioaccumulation**

Components in this mixture can bioaccumulate in aquatic organisms.

**Other adverse effects**

This material is toxic to aquatic life.

**Soil mobility**

This product is mobile in soil.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Dispose of in accordance with federal, state, national, international regulations. Containers may be hazardous when empty.

**RCRA Status** Product should be fully characterized prior to disposal (40 CFR 261).

**14. TRANSPORT INFORMATION**

**DOT**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Limited Quantity
<b>Transport hazard Class</b>	2.1

**IATA**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Limited Quantity
<b>Transport hazard class</b>	2.1

**IMDG**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Limited Quantity
<b>Hazard Class</b>	2.1
<b>Environmental Class</b>	
<b>Marine Pollutant</b>	No information available

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	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 not contain a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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.

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, and for workplace labels non-pesticide chemicals. The hazard information required on the pesticide label reproduced below. Caution: Avoid contact on skin or clothing. Wash thoroughly with soap and water after handling. Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard. EPA Reg.NO: 44446-64

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 1	Reactivity 1
<b><u>HMIS</u></b>	Health hazards 1	Flammability 1	Reactivity 1 Personal Protection A

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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**