

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**

**Product Name** United 110 GRINDER MINDER

**Other means of identification**

**SDS#** UNITED 110

**Recommended use of the chemical**

**And restrictions on use**

**Recommended use** Garbage Disposal Treatment

**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**

**Emergency Telephone** 800-323-2594 (to reorder)  
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 Aerosols	Category 2
Liquefied Gas	

**Label elements**

**Emergency Overview**

**Warning**

**Hazard statements**

Flammable aerosol. Contains gas under pressure; may explode if heated. This product contains the following percentage of chemicals of unknown toxicity: 13%.

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

**Response**

If inhaled: may cause nausea, vomiting, coughing and pulmonary irritation. If in eyes: Mild, if any irritation. If on skin: May cause irritation with prolonged or repeated contact. If ingested: Not a likely route of exposure under normal product handling conditions.

**Storage**

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)**

None classified.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Propane/nButane	68476-86-8	5-10	*

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

### 4. FIRST AID MEASURES

**First aid measures****Skin Contact**

If on skin: Immediately wash off with soap and water for 15 minutes.

**Eye contact**

If in the eyes: Immediately wash with water for 15 minutes. Seek immediate medical advice /attention.

**Inhalation**

Remove individual to fresh air.

**Ingestion**

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

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

None known.

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

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

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Use appropriate media for surrounding fire.

**Unsuitable extinguishing media** None Known.

### Specific hazards arising from the chemical

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

### 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.

### Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials.

### Hazardous combustion products

Oxides of carbon and Nitrogen.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Keep unnecessary personnel away. For personal protection, see Section 8 of the SDS.

### Environmental precautions

**Environmental precautions** None Known.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Remove out of doors.

**Methods for cleaning up** Soak up or mop with appropriate material. Flush area with water, after product has been cleaned. Dispose in accordance with local, state and federal laws.

**RCRA Status** Non-hazardous.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Keep away from heat, sparks, flame and other sources of ignition. Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store locked up. Pressurized container. Do not puncture, incinerate or crush. Avoid exposure to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area.

**Incompatible materials** Strong oxidizing agents, strong reducing agents, acid chlorides.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate engineering controls

**Engineering Controls** Adequate ventilation.

Chemical Name	OSHA	ACGIH TLV
Propane/n-Butane 68476-86-8	PEL: 1000 ppm	TWA: 1000 ppm

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

**Eye/face protection** Safety glasses are recommended.

**Skin and body protection** Wash hands with water.

**Respiratory protection** None needed for proper use in accordance, with label directions and adequate ventilation.

**General Hygiene** When using, do not eat, drink or smoke. Regular cleaning of clothing is recommended. Wash hands if contacted, after use, with product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Aerosol  
**Appearance** Clear White Foam  
**Color** Clear  
**Odor** Fresh Botanical Scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.8	
Specific Gravity	1.00@77°F (25°C)	
Viscosity	No Information available.	
Melting point/freezing point	32°F	
Flash point	-156.0°F (104.4°C) estimated	
Boiling point and Boiling range	>212°F (100°C)	
Evaporation rate	<0.8 (Slow)	
Flammability (solid, gas)	Flammable Aerosol	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	17.5 @77°F (25°C)	
Vapor density	>2	
Relative density	0.784 g/cm <sup>3</sup> estimated	
Water solubility	100%	
Dielectric Strength	No information available.	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
VOC (weight %)	6% estimated	

## 10. STABILITY AND REACTIVITY

### Reactivity

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

**Chemical stability**

Material is stable at normal conditions.

**Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

**Conditions to avoid**

Avoid temperatures exceeding temperatures greater than 122°F. May cause bursting.

**Incompatibles**

Strong Oxidizing agents, strong reducing agents, acid chlorides.

**Hazardous Decomposition Products**

Oxides of Carbon.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

Eyes, Ingestion, Inhalation, Skin.

**Product Information**

**Inhalation** - Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.

**Eye Contact** – Mild if any irritation

**Skin Contact**- May cause irritation with prolonged or repeated contact.

**Ingestion** - Not a likely route of exposure under normal product handling conditions.

**Symptoms related to the physical, chemical and toxicological characteristics**

Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

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

None known.

**Information on toxicological effects**

Skin/Eye Irritation – Mild irritation

Carcinogenicity – This product is not considered to be a carcinogen by IARC, OSHA, NTP and ACGIH.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Not determined.

**Persistence and degradability**

This product is biodegradable.

**Bioaccumulation**

This product is not expected to bioaccumulate.

**Soil Mobility**

This product is mobile in soil.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Local disposal regulations</b>	Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
<b>US RCRA Hazardous Status</b>	Non-hazardous.

**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 12/31/20 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, Ltd. Qty.
<b>Transport hazard class(es)</b>	None

**IATA**

<b>UN/ID No.</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, Ltd. Qty.
<b>Transport hazard class(es)</b>	2.1

**IMDG**

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

<b>Environmental Class</b>	No information available.
<b>Marine Pollutant</b>	

**15. REGULATORY INFORMATION**

**International Inventories**

All components are listed or exempted.

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory-Yes  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List-No

\*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).

**US Federal Regulations**

**Superfund Amendments and Reauthorization Act of 1986**

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

**SARA 313 (TRI reporting)**

None Known.

**SARA 311/312 Hazardous categories**

None Known.

**CWA (Clean Water Act)**

None Known.

**CERCLA**

This material, as supplied, does not contain a substance regulated as a 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).

**California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer.

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey-Rhode Island	Massachusetts	Pennsylvania
Propane/n-Butane 68476-86-8	X	X	X

<b>16. OTHER INFORMATION</b>
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<b><u>NFPA</u></b>	Health hazards 1	Flammability 1	Reactivity 0	<b>Physical and Chemical Properties</b> N/A
<b><u>HMIS</u></b>	Health hazards 1	Flammability 2	Physical hazards 1	<b>Personal protection</b> A

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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**