

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 a 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/cm3 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**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Local disposal regulations

Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of safely.

US RCRA Hazardous Status

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

UN/ID No.

UN1950

Proper shipping name

Aerosols, Ltd. Qty.

Transport hazard class(es) None

IATA

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

IMDG

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

Environmental Class No information available.
Marine Pollutant

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/NDSL - 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

Acute health hazard	No
Delayed hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	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 substance 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

16. OTHER INFORMATION

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