



Safety Data Sheet

Issue Date 20-Mar-2020

Revision Date 16-Mar-2021

Version 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 108 QUIK BREAK

Other means of identification

SDS# UNITED 108

Recommended use of the chemical

And restrictions on use

Non-Flammable Penetrating Oil

Recommended use

For institutional and industrial use only.

Uses Advised Against

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

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)

Skin irritation	Category 2
Carcinogenicity	Category 2
Aspiration hazard	Category 1
STOT-single exposure	Category 3
Dissolved Gas	

Label elements

Emergency Overview

Danger

Hazard statements

Contains gas under pressure; may explode if heated. Causes skin irritation. May cause respiratory irritation, drowsiness or dizziness. Suspected of causing cancer. May be fatal if swallowed and enters airways.

**Appearance** Clear, yellow**Physical state** Aerosol**Odor** Solvent Scent**Prevention**

Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and hot surfaces. Avoid breathing gas. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Do not spray on an open flame or other ignition source. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing fumes, mist, vapors and spray. No smoking.

Response

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Dispose of contents and container in accordance with local, state, and national regulations.

Storage

Store in 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/state/national regulations.

Hazard(s) not otherwise classified (HNOC)

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Mineral Seal Oil	64741-44-2	5-10%	*
Carbon Dioxide	124-38-9	1-5%	*
Tetrachloroethylene	127-18-4	60-85%	*

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

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Immediately wash with soap and water. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

Eye contact

Remove contact lenses. Flush with water for at least 15 minutes. Get medical attention if irritation persists.

Inhalation

Remove individual to fresh air. If breathing is difficult, administer oxygen. 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

Acute Health Hazards: Eyes: redness, tearing, blurred vision. Skin: Defatting and dermatitis. Inhalation: Irritation, Anesthetic, Central Nervous System. Oral: Abdominal irritation, nausea, vomiting and diarrhea. Aspiration risk. Chronic Health Hazards: Possible cancer-causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances.

Indication of any immediate medical attention and special treatment needed

Do not administer adrenaline or epinephrine to an individual of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Chemical. Carbon Dioxide (CO₂).

Unsuitable extinguishing media Water spray/stream.

Specific hazards arising from the chemical

Wear NIOSH and SCBA with a full face piece operated in a positive pressure demand mode with fully body protective clothing when fighting fires. Use water spray only to cool exposed containers. Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Protective equipment and precautions for firefighters

Firefighters must use self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Unusual Fire and Explosion Hazards

Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Hazardous Combustion Products

Oxides of carbon, chlorine, hydrogen chloride and phosgene.

6. ACCIDENTAL RELEASE MEASURES

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

Refer to Section VIII for proper Personal Protective Equipment.

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

Use an absorbent material on spill, sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

Waste Disposal

Dispose of in accordance with federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA Status

Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however should be fully characterized prior to disposal (40CFR261).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Pressurized container: Do not pierce or burn, even after use. Use and store in well-ventilated area. 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 locked up. Pressurized container. Do not puncture, incinerate or crush. Do not handle or store near flame, heat and sources of ignition. Avoid exposure to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area. Keep out of reach of children.

Incompatible materials Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers and coatings.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Chemical Name	ACGIH TLV	OSHA PEL
Mineral Seal Oil 64747-44-2	200 mg/m ³	5 mg/m ³
Carbon Dioxide 124-38-9	5000 ppm	5000 ppm
Tetrachloroethylene 127-18-4	25 ppm	100 ppm

NIOSH IDLH Immediately Dangerous to Life or Health

Engineering Controls Material is heavier than air. Material may concentrate in low lying areas. Normal forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and suitable protective clothing, which includes a synthetic apron.

Respiratory protection Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

General Hygiene When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Aerosol.
Appearance Clear, yellow aerosol spray
Color Clear-yellow
Odor Solvent Odor.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	1.40-1.55@77°F (25°C)	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	None estimated.	

Boiling point/boiling range	188°F (87°C)
Evaporation rate	Not determined
Flammability Limit – lower	Not considered a flammable aerosol or
Flammability Limit – upper	an extremely flammable aerosol (29CFR1910.1200).
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	Not determined.
Water Solubility	0%
Partition coefficient (n-octanol/water)	Not determined.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined.
Viscosity	Not determined.
VOC (weight %)	0%

10. STABILITY AND REACTIVITY

Reactivity

Chemically active metals and acids.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Temperatures greater than 122°F may cause bursting.

Incompatible materials

Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers and coatings.

Hazardous Decomposition Products

Oxides of carbon, chlorine, hydrogen chloride and phosgene.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects and death.
Eye contact	Causes serious eye irritation, redness, tearing, pain visual disturbance, may cause eye damage.
Skin Contact	Irritation likely, pain and redness. May cause defatting, and with prolonged contact to skin, blistering may occur. May be absorbed through the skin.
Ingestion	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting and abdominal cramps.
Symptoms related to the physical, chemical and toxicological characteristics	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses or central nervous system.

Information on toxicological effects

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50
Tetrachloroethylene (127-18-4)	-	2629 mg/kg (Rat)	34200mg/m ³ 8 hours (Mouse)
Mineral Seal Oil (64741-44-2)	2000 mg/kg (Rabbit)	5000 mg/kg (Rat)	-

*Estimates for product may be based on additional component data not shown.

Skin/Eye irritation

Defatting and dermatitis. Eyes: redness, tearing, blurred vision.

Inhalation/Oral

Anesthetic, irritation, CNS depression. Oral: abdominal irritation, nausea, vomiting and diarrhea. Aspiration risk.

Carcinogenicity

OSHA: Yes **ACGIH:** A2-Suspected **NTP:** 2-Anticipated, **IARC:** 2A-Probable **OTHER:** CA Prop 65

Acute health hazards

Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System. Oral: abdominal irritation, nausea, vomiting, and diarrhea. Aspiration risk.

Chronic health hazards

Possible cancer-causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and degradability

Component or components of this product are not biodegradable.

Bioaccumulation

Components in this mixture can bioaccumulate in aquatic organisms.

Soil Mobility

This product is mobile in soil.

Other ecological hazards

This material is toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal Considerations**

Dispose of in accordance with federal, state, and local regulations. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

US RCRA Hazardous Waste**U List: Reference**

Waste likely considered U210 (Tetrachloroethylene) hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Waste from residues/unused products

Disposal should be in accordance with local, state and federal regulations.

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. Limited quantities require the limited quantity diamond mark for packages of UN1950 Aerosols on cartons after 12/31/2020.

DOT

UN/ID No.	UN1950
Proper shipping name	Aerosols, Ltd. Qty.
Hazard class(es)	2.2 (6.1)
Packaging group	No information available

IATA

UN/ID No.	UN1950
Proper Shipping Name	Aerosols, Non-Flammable, Toxic, Containing Substances in Division 6.1
Hazard class(es)	2.2(6.1)
Packaging group	III

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Toxic
Hazard class(es)	2.2 (6.1)
Packaging group	No information available

Environmental hazards	Marine Pollutant
VOC	0%

15. REGULATORY INFORMATION

International Inventories

No information available.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Yes

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Tetrachloroethylene (127-18-4).

SARA 311/312 Hazard Categories

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

SARA 304 Emergency release notification

Not information available.

CERCLA Hazardous Substance List (40 CFR 302.4)

This material does contain substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40CFR302) or the Superfund Amendments and Reauthorization Act (SARA) (40CFR355). Tetrachloroethylene (127-18-4) Reportable Quantity=100 lbs.

US State Regulations

California Proposition 65

This product contains a chemical (Tetrachloroethylene, 127-18-4) known to the State of California to cause cancer.

16. OTHER INFORMATION

HMIS	Health hazards	2	Flammability	1	Physical hazards	0	Personal protection	C
NFPA	Health hazards	2	Flammability	1	Physical hazards	0	Special hazards	None

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Revision Date	16-Mar-2021
Revision Note	Updates to Section 2 and 11

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