

## 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  
 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)

Skin irritation	Category 2
Eye irritation	Category 2A
Carcinogenicity	Category 1B
Aspiration hazard	Category 1
STOT-single exposure	Category 3

**Label elements**

**Emergency Overview**

### Danger

**Hazard statements**

Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause 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. Wash thoroughly after handling. 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 irritation occurs get medical advice. If inhaled: Remove individual to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If concerned or exposed, get medical advice/attention. Call a poison control center if you feel unwell. If eye irritation persists: Get medical attention /advice. Take off contaminated clothing and wash before reuse.

**Storage**

Store in well-ventilated place. Keep container tightly closed. 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)**

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**

Wash with plenty of water. If skin irritation occurs: Seek medical attention. Take off contaminated clothing and wash before reuse. Seek medical attention if irritation persists.

**Eye contact**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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 direct by medical authority. Seek medical attention.

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

Eyes: redness, tearing, blurred vision. Skin: Defatting and dermatitis. Inhalation: Irritation, Anesthetic. Oral: Abdominal irritation, nausea, vomiting and diarrhea. Aspiration risk. 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.

**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.

**Specific Methods**

Use standard firefighting procedures and consider the hazards of other involved materials. Keep away from sparks, open flames and hot surfaces. No smoking. Move container from fire area if it can be done without risk.

**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** Wipe up with absorbent material, sweep to clean. Dispose in accordance with local, state and federal laws. Small release 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 areas. Provide adequate ventilation.

**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/m3	5 mg/m3
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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**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.	

<b>Boiling point/boiling range</b>	188°F (87°C)
<b>Evaporation rate</b>	>3 Fast
<b>Flammability Limit – lower</b>	Not considered a flammable aerosol or
<b>Flammability Limit – upper</b>	an extremely flammable aerosol (29CFR1910.1200).
<b>Vapor pressure</b>	No information available.
<b>Vapor density</b>	No information available.
<b>Relative density</b>	No information available.
<b>Water Solubility</b>	0%
<b>Partition coefficient (n-octanol/water)</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>VOC (weight %)</b>	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

<b>Inhalation</b>	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.
<b>Eye contact</b>	Causes serious eye irritation, redness, tearing, pain visual disturbance, may cause eye damage.
<b>Skin Contact</b>	Irritation likely, pain and redness. May cause defatting, and with prolonged contact to skin, blistering may occur. May be absorbed through the skin.
<b>Ingestion</b>	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting and abdominal cramps.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	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

**Acute toxicity** Expected be to a low hazard for usual industrial or commercial handling by trained personnel.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50
Tetrachloroethylene (127-18-4)	-	2629 mg/kg (Rat)	4100ppm 6 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  
**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**  
 These products are not biodegradable.

**Bioaccumulation**  
 Components in this mixture can bioaccumulate in aquatic organism.

**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. 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, Ltd. Qty.
<b>Hazard class(es)</b>	2.2 (6.1)
<b>Packaging group</b>	No information available

**IATA**

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

**IMDG**

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

**Environmental hazards** Marine Pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

No information available.

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

**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**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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. Trichloroethylene (79-01-6) 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**

<u>HMIS</u>	Health hazards	2	Flammability	1	Physical hazards	0	Personal protection	C
<u>NFPA</u>	Health hazards	2	Flammability	1	Physical hazards	0	Special hazards	None

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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**