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Version 1

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 2B
Carcinogenicity	Category 2

Label elements**Emergency Overview****Warning****Hazard statements**

Contains gas under pressure; may explode if heated. Causes skin and eye irritation. Suspected of causing cancer.



Appearance Clear

Physical state Aerosol

Odor Solvent Scent

Prevention

Do not handle until all safety precautions have been read and understood. 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.

Response

If on skin: Wash with plenty of water. 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	8-15%	*
Carbon Dioxide	124-38-9	3-8%	*
Tetrachloroethylene	127-18-4	60-100%	*
Sorbitan Monooleate	1338-43-8	1-5%	*

*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 develops and persists: get medical attention.

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 develops or persists.

Inhalation

Remove individual to fresh air and keep at rest in a position comfortable for breathing. Call poison center or physician if you feel unwell.

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

Eyes: redness, tearing, blurred vision. Skin: Defatting and dermatitis. Inhalation: Irritation.
Oral: Abdominal irritation, nausea, vomiting and diarrhea. Possible cancer causing agent.

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**

Water. Water Fog. Foam. Dry Chemical.

Unsuitable extinguishing media None known.

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.

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**

Keep unnecessary personnel away. Wear appropriate protective equipment, such as safety glasses, safety gloves and synthetic apron. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised in significant spillages cannot be contained.

Environmental precautions**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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

Prevent further leakage or spillage if safe to do so. Stop leak if you can do so without risk.

Methods for cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Sweep to clean. Dispose in accordance with local, state and federal laws. Small release may be wiped up with wiping material.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on safe handling**

Pressurized container: Do not pierce or burn, even after use. Use only 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	5 mg/m3	5 mg/m3
Carbon Dioxide 124-38-9	5000 ppm	5000 ppm
Tetrachloroethylene 127-18-4	100 ppm	25 ppm
Sorbitan Monooleate 1338-43-8	No Information Available	No Information Available

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.
Color Clear Liquid.
Odor Solvent Odor.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	1.52 estimated.	
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	>3 Fast
Flammability Limit – lower	Not considered flammable.
Flammability Limit – upper	Not considered flammable.
Vapor pressure	59
Vapor density	>2
Relative density	No information available.
Water Solubility	No information available.
Partition coefficient (n-octanol/water)	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	>400°C.
Viscosity	No information available.
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

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/NOEL
Tetrachloroethylene (127-18-4)	>3228 mg/kg (Rabbit)	2629 mg/kg (Rat)	34200 mg/m ³ 8 hours (Rat)

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

Skin/Eye irritation	May cause redness, tearing and blurred vision. May cause skin defatting and dermatitis.
Sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	Suspected of causing birth defects.
Carcinogenicity	OSHA: Yes ACGIH: A2-Suspected NTP: 2-Anticipated, IARC: 2A-Probable
Chronic health hazards	Possible cancer causing agent.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No Information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This material is toxic to aquatic life.

Persistence and degradability

These products are not biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Soil Mobility

This product is mobile in soil.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal Considerations Dispose of in accordance with federal, state, and local regulations.

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

Waste likely considered 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

UN/ID No. UN1950
Proper shipping name Aerosols

Hazard class(es) 2.2 (6.1)
Packaging exceptions Not applicable.

IATA

UN/ID No. -
UN proper shipping name Forbidden by USDOT Regulations
Hazard class(es) -

IMDG

UN/ID No. UN1950
Proper shipping name Aerosols
Hazard class(es) 2.2 (6.1)

Environmental hazards Not applicable.

15. REGULATORY INFORMATION

International Inventories

Tetrachloroethylene (127-18-4) WHMIS (Canada) Class D-1B: Material causing immediate and serious toxic effects (TOXIC). Class D-2A: Material causing other toxic effects (VERY TOXIC).

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. (127-18-4) Tetrachloroethylene

SARA 311/312 Hazard Categories

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

SARA 304 Emergency release notification

Not information available.

CERCLA Hazardous Substance List (40 CFR 302.4)

Tetrachloroethylene (127-18-4) Reportable Quantity=100 lbs.

US State Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Carbon Dioxide (124-38-9)	X	X	X
Mineral Seal Oil (64741-44-2)	X	X	X
Tetrachloroethylene (127-18-4)	X	X	X
Sorbitan Monooleate (1338-43-8)	X	X	X

California Proposition 65

WARNING: 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 G
<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