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)

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Category 1</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Seal Oil</td>
<td>64741-44-2</td>
<td>5-10%</td>
<td>*</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1-5%</td>
<td>*</td>
</tr>
<tr>
<td>Tetrachloroethylene</td>
<td>127-18-4</td>
<td>60-85%</td>
<td>*</td>
</tr>
</tbody>
</table>

*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 (40 CFR 261).

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).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Seal Oil 64747-44-2</td>
<td>200 mg/m3</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Carbon Dioxide 124-38-9</td>
<td>5000 ppm</td>
<td>5000 ppm</td>
</tr>
<tr>
<td>Tetrachloroethylene 127-18-4</td>
<td>25 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol.</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, yellow aerosol spray</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Clear-yellow</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent Odor</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.40-1.55@77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>None estimated.</td>
<td></td>
</tr>
</tbody>
</table>
### 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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Dermal LD50</th>
<th>Oral LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrachloroethylene (127-18-4)</td>
<td>-</td>
<td>2629 mg/kg (Rat)</td>
<td>4100 ppm 6 hours (Mouse)</td>
</tr>
<tr>
<td>Mineral Seal Oil (64741-44-2)</td>
<td>2000 mg/kg (Rabbit)</td>
<td>5000 mg/kg (Rat)</td>
<td>-</td>
</tr>
</tbody>
</table>

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

Skin/Eye irritation


Inhalation/Oral

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**

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Aerosols, Ltd. Qty.</td>
</tr>
<tr>
<td>Hazard class(es)</td>
<td>2.2 (6.1)</td>
</tr>
<tr>
<td>Packaging group</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**IATA**

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

**IMDG**

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Aerosols, Toxic</td>
</tr>
<tr>
<td>Hazard class(es)</td>
<td>2.2 (6.1)</td>
</tr>
<tr>
<td>Packaging group</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**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/NDSL** - 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**

| 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. 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

<table>
<thead>
<tr>
<th></th>
<th>HMIS</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health hazards</td>
<td>2</td>
<td>Health hazards</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
<td>Flammability</td>
</tr>
<tr>
<td>Physical hazards</td>
<td>0</td>
<td>Physical hazards</td>
</tr>
<tr>
<td>Personal protection</td>
<td>C</td>
<td>Special hazards</td>
</tr>
</tbody>
</table>

**Issue Date** 03-Jun-2015  
**Revision Date** 10-Jul-2017

**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