



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): 800-535-5053

**PRODUCT NAME**  
 UNITED 108 QUIK BREAK

**USE/DESCRIPTION**  
 Non-Flammable Penetrating Oil

**REVISION DATE**  
 September 20, 2013

### HMIS III HEALTH (0 = Maximum Safety) 2

Always follow Label Directions and Cautions.

\* Chronic 2 Moderate  
 4 Severe 1 Slight  
 3 Serious 0 Minimal  
**See Hazards Identification Section of this MSDS for more detailed information.**

### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance  
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.  
 0 Normally stable.

### FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated to burn.  
 3 Ignites at normal temperature. 0 Will not burn.  
 2 Ignites when moderately heated.

**PERSONAL PROTECTION: G**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Carbon Dioxide	124-38-9	5-10	5000 ppm	5000 ppm	NE	NE
Mineral Seal Oil	64741-44-2	5-15	5 mg/m3	5 mg/m3	NE	NE
Tetrachloroethylene	127-18-4	60-100	25 ppm	100 ppm	2629 mg/kg (Rat/oral)	5200 ppm 4 hrs mouse

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Aerosol under pressure - do not expose to temperatures above 120F/48C or store in direct sunlight, may develop pressure and cause can to burst.

**Routes of Entry:** Eyes, Ingestion, Inhalation, Skin

**Eyes:** May cause severe irritation, redness, tearing, pain, and may cause eye damage.

**Skin:** May cause mild irritation, redness and pain. Prolonged or repeated contact may dry or defat skin, and may blister.

**Inhalation:** Irritating to eyes, nose, and respiratory tract. It may cause dizziness, headaches, and incoordination. Prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.

**Ingestion:** Irritating to mouth, throat, and stomach. Possible aspiration hazard may cause inflammation of the lungs.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with water for 15-20 minutes while holding eyelids open. Seek medical attention if irritation persists.

**Skin:** Immediately wash with soap and warm water for 15 minutes.

**Inhalation:** Move to fresh air. Avoid breathing oil mists. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Call physician immediately.

**Note to Physician:** None

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** NA

**Explosive Limits:** Lower (LEL): NA Upper (UEL): NA

**Flame Projection (Aerosol):** Non-Flammable per 16 CFR 1500.3 and 1500.45.

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxides of carbon, hydrogen chloride, and phosgene.

**Fire and Explosion Hazards:** Containers exposed to elevated temperatures above 120°F/48°C. May rupture, greatly increasing the fire hazard.

**Extinguishing Media:** ABC Dry chemical fire extinguisher.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent pressure build up.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

**Large Spills:** Remove any source of heat, flame or sparks. Soak up with an inert absorbent and place in designated disposal container. Avoid breathing fumes, ventilate area. Wash area thoroughly.

**RCRA Status:** Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

## 7. HANDLING AND STORAGE

Keep away from heat, sparks, and flame. Do not expose to temperatures exceeding 120°F/48°C may cause bursting. Store in a cool, dry area. Use with adequate ventilation. Do not puncture or incinerate containers. Follow label directions exactly.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses are recommended.

**Skin:** Chemical resistant gloves are recommended.

**Respiratory:** Not normally required if good ventilation is maintained.

**Engineering Controls:** Provide adequate ventilation to keep vapor concentration below TLV and prevent accumulation of excessive vapors.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 250°F/121°C **Specific Gravity:** 1.45 (H<sub>2</sub>O=1) **Vapor Pressure:** >10 mmHg@77F (25C) **Melting Point:** ND

**Vapor Density:** <6 @ 77F (25C) (air=1) **Evaporation Rate:** >2 **Solubility in Water:** Non-soluble **pH:** N/A

**Appearance and Odor:** Aerosol clear spray with solvent scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** Chlorine, hydrogen chloride, and phosgene.

**Chemical Stability:** Stable

**Conditions to Avoid:** Temperatures > 120F (48C), excessive heat, hot surfaces, open flames, sources of ignition.

**Incompatibility:** Strong oxidizing agents such as bleach, acids, caustics, alkalis, some plastics, and chemically active metals.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** Tetrachloroethylene CAS# 127-18-4: ACGIH: A2-Suspected, NTP: 2-Anticipated, IARC: 2A-Probable, and OSHA: Yes.

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? Yes Tetrachloroethylene CAS # 127-18-4

## 12. ECOLOGICAL INFORMATION

**Ecological Information:** Tetrachloroethylene (CAS 127-18-4) LC50 (fathead Minnow, 96hr) 18.4 mg/L; (Daphnia, 48hr) 18 mg/L

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality.

**RCRA Status:** Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

## 14. TRANSPORT INFORMATION

**DOT-Land:** Consumer Commodity ORM-D

**IMDG- Ocean:** Aerosols, Ltd Qty. Class 2

**IATA- Air:** Aerosols, Ltd. Class 2

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** All chemicals listed or exempt

**SARA Title III Section 302 EHS:** Tetrachloroethylene CAS 127-18-4 Reportable quantity = 10 lbs.

**SARA Title III Section 311/312:** Acute Health, Chronic Health

**SARA Title III Section 313 Toxic Chemicals:** Tetrachloroethylene CAS# 127-18-4

**State Regulations:** Tetrachloroethylene (127-18-4) is known to the state of California to cause cancer, birth defects or other reproductive harm. Right-to-Know acts for New York, Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, Michigan, New Jersey, Tennessee; Spill Reporting for Massachusetts, New Jersey, Louisiana;

Connecticut hazardous material survey; Illinois toxic substances disclosure to employee act, Illinois chemical safety act  
**WHMIS Classification:** Class D-1B Material causing immediate and serious toxic effects (TOXIC). Class D-2A: Material causing other toxic effects (VERY TOXIC).

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 108 QUIK BREAK

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