

**1. PRODUCT AND COMPANY IDENTIFICATION****Product identifier****Product Name** United 111 Brake Parts Cleaner**Other means of identification****SDS#** UNITED 111**Recommended use of the chemical****And restrictions on use****Recommended use** For fast removal of grease, oil, fluid and asbestos particles.**Uses Advised Against** For industrial and institutional use only.**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)

Flammable Aerosols	Category 1
Skin irritation	Category 2
Eye irritation	Category 2A
Dissolved Gas	
STOT- single exposure	Category 3

**Label elements****Emergency Overview****Danger****Hazard statements**

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause respiratory irritation, drowsiness and dizziness.

This product contains the following percentage of chemicals of unknown toxicity: 0%.



**Appearance** Clear colorless liquid

**Physical state** Gas

**Odor** Aliphatic Solvent

**Precautionary Statements**

**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Response**

Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist vapor or spray. Use only outdoors or in a well-ventilated. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center if you feel unwell.

**Storage**

Store in a 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/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

Not classified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Acetone	67-64-1	60-100	*
Heptane	142-82-5	5-10	*
Carbon Dioxide	124-38-9	1-10	*

\*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 for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

**Eye contact**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Inhalation**

Remove individual to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**Ingestion**

Do not induce vomiting. Seek medical attention.

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

Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: irritation. Ingestion: abdominal irritation, nausea, vomiting, and diarrhea. No known chronic health hazards.

**Indication of any immediate medical attention and special treatment needed**

There is no special treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Use of water spray/stream.

**Specific hazards arising from the chemical**

Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**Protective equipment and precautions for firefighters**

Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

**Hazardous combustion products**

Oxides of carbon.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Keep unnecessary personnel away. For personal protection, see Section 8 of the SDS.

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

**Methods for containment and Cleaning up** Remove any source of ignition. Use non-sparking tools and equipment. Use absorbent on spill sweep to clean. Small releases may be wiped up with wiping material.

**Waste Disposal** Dispose of in accordance with federal, state and local rules and 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 F003, Flammable, Non-halogenated solvent, under RCRA, however product should be fully characterized prior to disposal (40CFR261).

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling and Storage Conditions** Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**Incompatible materials** Concentrated nitric and sulfuric acid, oxidizers, chloroform, alkalis, chlorinated compounds, acids.

**Other precautions** Keep out of reach of children. Follow label directions exactly. Vapors may collect in low lying areas.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	500 ppm	1000 ppm	-
Heptane 142-82-5	500 ppm	400 ppm	-
Carbon Dioxide 124-38-9	5000 ppm	5000 ppm	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Ambient ventilation suitable, forced ventilation should not be required.

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Wear safety glasses.
- Skin and body protection** Wear chemical resistant gloves.
- Respiratory protection** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**General Hygiene** Wash hands and all equipment thoroughly after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Gas  
**Appearance** Clear, colorless spray  
**Color** Clear  
**Odor** Aliphatic solvent  
**Odor threshold** No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Specific Gravity	0.775 @ 77°F (25°C)	
Viscosity	Not determined	
Melting point/freezing point	Not determined	
Flash point	Not determined	
Boiling point / boiling range	Not determined	
Evaporation rate	>1	
Flammability (solid, gas)	Extremely Flammable Aerosol	
Upper flammability limit:	Not determined	
Lower flammability limit:	Not determined	
Vapor pressure	180 mmHg	
Vapor density	>2	
Relative density	No Information available	
Water solubility	0%	
Partition coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
VOC Content	8%	

## 10. STABILITY AND REACTIVITY

### Reactivity

Product is stable and non-reactive under normal conditions. If exposed to strong oxidizers, presents explosion hazard.

### Chemical stability

Stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to avoid

Avoid temperatures greater than 122°F and sources of ignition.

### Hazardous Decomposition Products

Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Eyes, Ingestion, Inhalation and Skin

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>
Acetone 67-64-1	5340 mg/kg (Rabbit)	20000 mg/kg (Rabbit)

### **Product Information**

<b>Inhalation</b>	Dizziness, headache, nausea, depression of central nervous system, prolonged exposure may lead to unconsciousness.
<b>Eye contact</b>	Cause irritation, defatting.
<b>Skin Contact</b>	Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact.
<b>Ingestion</b>	Causes gastrointestinal irritation, nausea, diarrhea, absorption through gastrointestinal tract may produce symptoms of central nervous system of depression ranging from light headedness to unconsciousness.
<b>Medical condition aggravated</b>	Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.
<b>Acute health hazards</b>	Eyes: redness, tearing and blurred vision. Skin: defatting and dermatitis. Inhalation: irritation. Oral: abdominal irritation, nausea, vomiting and diarrhea.
<b>Chronic health hazards</b>	None known.
<b>Carcinogenicity</b>	OSHA/ACGIH/NTP and IARC - No

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life.

### Persistence and degradability

Component or components of this product are not biodegradable.

**Bioaccumulation**

Components in this mixture can bioaccumulate in aquatic organisms.

**Mobility**

This product is mobile in soil.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal considerations** Dispose of contents/container in accordance with local/regional/national/international 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 F003, Flammable, Non-halogenated solvent, under RCRA, however product should be fully characterized prior to disposal (40CFR261).

**14. TRANSPORT INFORMATION**

**DOT**

**UN/ID No.** UN1950  
**UN proper shipping name** Aerosols, Limited Quantity  
**Transport hazard class(es)**  
**Class** 2.1  
**Label(s)** 2.1  
**Packing group** Not applicable

**IATA**

**UN Number** UN1950  
**UN proper shipping name** Aerosols, Limited Quantity  
**Transport hazard class(es)**  
**Class** 2.1  
**Label(s)** 2.1  
**Packing group** Not applicable

**IMDG**

**UN/ID No.** UN1950  
**UN Proper shipping name** Aerosols, Limited Quantity  
**Transport hazard class(es)**  
**Class** 2.1  
**Label(s)** 2.1  
**Packing group** Not applicable  
**Environmental Class** Not applicable  
**Marine Pollutant**

**15. REGULATORY INFORMATION**

**International Inventories** Acetone (67-64-1) Australia, China, Europe (EINECS), Japan, Korea, United Kingdom, Canada, WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). p. 6; DSCL (EEC): R11- Highly flammable. R36- Irritating to eyes. S9- Keep container in a well-ventilated place. S16- Keep away from ignition sources. S26- In case of eye contact, rinse immediately with plenty of water and seek medical advice.

**TSCA**

All chemicals are listed and exempt.

**US Federal Regulations**

**SARA 313**

None.

**SARA 311/312 Hazard Categories**

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

**CERCLA-Comprehensive Response, and Liability Act**

Acetone (67-64-1) Reportable Quantity = 5000 lbs.

**US State Regulations**

Acetone (67-64-1) Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, Illinois chemical safety act, New York release reporting list, RTK - RI, PA, FL, MN, MA, NJ; Massachusetts spill list, New Jersey spill list, Louisiana spill reporting, California List of Hazardous Substances (8 CCR 339): Acetone TSCA 8(b) inventory: Acetone TSCA 4(a) final test rules: Acetone TSCA 8(a) IUR: Acetone.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards	1	Flammability	3	Instability	0	<b>Physical and Chemical Properties</b>
<b><u>HMIS</u></b>	Health hazards	1	Flammability	3	Physical hazards	0	<b>Personal protection</b> B

Issue Date	21-May-2015
Revision Date	23-Aug-2019
Revision Note	New Format

**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**