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
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)
INFO TRAC 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
Skin irritation
Eye irritation
Dissolved Gas
STOT- single exposure
Category 1
Category 2
Category 2A
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>60-100</td>
<td>*</td>
</tr>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1-10</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  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


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 (CO2).

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).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
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</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>500 ppm</td>
<td>1000 ppm</td>
<td>-</td>
</tr>
<tr>
<td>Heptane 142-82-5</td>
<td>500 ppm</td>
<td>400 ppm</td>
<td>-</td>
</tr>
<tr>
<td>Carbon Dioxide 124-38-9</td>
<td>5000 ppm</td>
<td>5000 ppm</td>
<td>-</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD&lt;sub&gt;50&lt;/sub&gt;</th>
<th>Dermal LD&lt;sub&gt;50&lt;/sub&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>5340 mg/kg (Rabbit)</td>
<td>20000 mg/kg (Rabbit)</td>
</tr>
</tbody>
</table>

Product Information

Inhalation
Dizziness, headache, nausea, depression of central nervous system, prolonged exposure may lead to unconsciousness.

Eye contact
Cause irritation, defatting.

Skin Contact
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.

Ingestion
Causes gastrointestinal irritation, nausea, diarrhea, absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness.

Medical condition aggravated
Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.

Acute health hazards

Chronic health hazards
None known.

Carcinogenicity
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
Marine Pollutant Not applicable

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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
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<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Fire hazard</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

CERCLA-Comprehensive Response, and Liability Act
Acetone (67-64-1) Reportable Quantity = 5000 lbs.

US State Regulations

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<tr>
<td></td>
<td>Health hazards</td>
<td>1</td>
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<tr>
<td></td>
<td>Flammability</td>
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<tr>
<td></td>
<td>Physical hazards</td>
<td>0</td>
<td>0</td>
<td>Personal protection</td>
</tr>
<tr>
<td></td>
<td>Physical hazards</td>
<td>3</td>
<td>0</td>
<td>B</td>
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</table>

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