1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name United 157 FLASH IN A CAN

Other means of identification
SDS# UNITED-157

Recommended use of the chemical
And restrictions on use
Recommended use Super Solvent
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
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>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Aerosols</td>
<td>1</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>1A</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>3 Narcotic Effects</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statements
Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness. May damage fertility or the unborn child.
...
Appearance  Clear Spray  
Physical state  Aerosol  
Odor  Solvent

Precautionary Statements

Prevention
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do no pierce or burn even after use. Pressurized container. Do not breathe 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 inhaled: Remove person 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. Continue rinsing. If exposed: call a poison center or physician. If concerned see medical attention. If eye irritation persists: get medical attention.

Storage
Store in a 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)
Not classified.

Environmental hazards
Hazardous to the aquatic, acute hazard and long-term hazard: Category 2

Supplemental information
Toxic to aquatic life. Toxic to aquatic life with long lasting effects. Avoid release to the environment. Collect spillage.

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>80-90</td>
<td>*</td>
</tr>
<tr>
<td>Aliphatic Petroleum Solvent</td>
<td>64742-89-8</td>
<td>2.5-10</td>
<td>*</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>2.5-10</td>
<td>*</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>142-82-5</td>
<td>2.5-10</td>
<td>*</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>0.1-1</td>
<td>*</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>0.1-1</td>
<td>*</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td>0-0.1</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret. This substance has workplace exposure limit(s).

4. FIRST AID MEASURES

First aid measures

Skin Contact  
Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

Inhalation

Remove individual to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media


Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Protective equipment and precautions for firefighters

Firefighter must use SCBA and full protective clothing must be worn in case of fire.

Specific methods

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Keep unnecessary personnel away. Keep people away from and upwind or spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.
Methods for containment
Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do without risk.

Methods for cleaning up
Move the container to a safe and open area if the leak is irreparable. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling
Do not handle or store near an open flame, heat or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not spray on a naked flame or any other incandescent material. Do not use if spray button is missing or defective. Use only in well-ventilated areas. Provide adequate ventilation. Do not get this material in contact with eyes. Avoid breathing dust/fumes/gas/mist/vapors/spray. Wash hands thoroughly after handling. Pressurized container: Do not pierce or burn, even after use. Do not re-use empty containers. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Storage Conditions
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Keep away from heat, sparks and open flame. Store in well-ventilated place. Keep out of reach of children. Level 2 Aerosol.

Incompatible materials
Store away from incompatible materials (see Section 10 of this SDS).

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>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>STEL: 750 ppm TWA: 500 ppm</td>
<td>PEL: 2400 mg/m³ PEL: 1000 ppm</td>
<td>TWA: 590 mg/m³ TWA: 250 ppm</td>
</tr>
<tr>
<td>Carbon Dioxide 124-38-9</td>
<td>STEL: 30000 ppm TWA: 5000 ppm</td>
<td>PEL: 9000mg/m³ PEL: 5000 ppm</td>
<td>STEL: 54000 mg/m³ STEL: 30000 ppm TWA:9000 mg/m³ TWA: 5000 ppm</td>
</tr>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>TWA: 100 ppm</td>
<td>PEL: 1050mg/m³ PEL: 300 ppm</td>
<td>TWA: 1050 mg/m³ TWA: 300 ppm</td>
</tr>
<tr>
<td>n-Heptane 142-82-5</td>
<td>STEL: 500 ppm TWA: 400 ppm</td>
<td>PEL: 2000 mg/m³ PEL: 500 ppm</td>
<td>Ceiling: 1800 mg/m³ Ceiling: 440 ppm TWA: 350 mg/m³ TWA: 85 ppm</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>TWA: 20 ppm</td>
<td>Ceiling: 300 ppm TWA: 200 ppm</td>
<td>STEL: 560 mg/m³ STEL: 150 ppm TWA 375 mg/m³ TWA 100 ppm</td>
</tr>
</tbody>
</table>

NIOSH IDLH Immediately Dangerous to Life or Health

Biological Limits
Acetone (67-64-1) 50mg/l- Value / Determinant –Acetone / Specimen-Urine
Toluene (108-88-3) 0.3 mg/g –Value / Determinant-o-Cresol, with hydrolysis / Specimen-Creatinine in Urine. Value-0.03 mg/l – Toluene / Specimen-Urine. Value-0.02 mg/l-Toluene / Specimen –Blood.

Other Information
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir, 1992).
Exposure guidelines

Appropriate engineering controls

Engineering Controls
Explosion-proof general and local exhaust ventilation. Provide eyewash station.

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. Wear appropriate thermal protective clothing, when necessary.

Respiratory protection
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General Hygiene
When using this material, do not eat, drink or smoke. Wash after handling the material and before eating, drinking and/or smoking. Regular cleaning of equipment, work area and clothing is recommended.

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>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.828 estimated</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>-4.00°F (-20.00°C) Concentrate</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>140°F (60°C) estimated</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>45-60 psig @ 70°F</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>9.87%</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
Product is stable and non-reactive under normal conditions.
Chemical stability
Material is stable under normal conditions.

Possibility of Hazardous Reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.

Hazardous Decomposition Products
No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
No adverse effects due to inhalation are expected.

Eye contact
Cause eye irritation.

Skin Contact
Causes mild skin irritation.

Ingestion
Expected to be a low ingestion hazard.

Information on toxicological effects

Acute Toxicity
Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Symptoms related to the physical, Chemical and toxicological characteristics
Symptoms may include stinging, tearing, redness, swelling and blurred vision. May cause central nervous system effects. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

<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>
<th>Inhalation LC&lt;sub&gt;50&lt;/sub&gt; / Other*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>5800 mg/kg (Rat)</td>
<td>20000 mg/kg 20 ml/kg (Rabbit)</td>
<td>76 mg/l, 4 hours 50, mg/l, 8 hours (Rat) 5500 mg/kg* (Rat)</td>
</tr>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>29820 mg/kg (Rat)</td>
<td>-</td>
<td>NOEL 1243 mg/l 6 hours (Monkey)</td>
</tr>
<tr>
<td>n-Heptane 142-82-5</td>
<td>-</td>
<td>-</td>
<td>103 mg/l 4 hours (Rat) 222 mg/kg* (Mouse)</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>2.6 g/kg (Rat)</td>
<td>12124 mg/kg (Rabbit)</td>
<td>5320 mg/l 8 hours (Mouse) 59 mg/kg* (Rat)</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
Causes mild skin irritation.

Serious eye damage/eye irritation
Causes eye irritation.

Sensitization
This product is not expected to cause skin sensitization.

Germ cell mutagenicity
No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity – Toluene (108-88-3)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Respiratory sensitization
Not a respiratory sensitizer.

Reproductive toxicity
May damage fertility or the unborn child.

STOT – single exposure
May cause drowsiness or dizziness.

STOT – repeated exposure
None known.

Aspiration hazard
Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long-lasting effects.

Persistence and degradability
No Information available.

Bioaccumulation
No Information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient n-octanol / water (log Kow)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>-0.24</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>3.44</td>
</tr>
<tr>
<td>Toluene</td>
<td>2.73</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>4.66</td>
</tr>
</tbody>
</table>

Other adverse effects
No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal considerations
Collect and reclaim or dispose in sealed containers at licensed waste disposal site

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (67-64-1)</td>
<td>U002</td>
</tr>
<tr>
<td>Cyclohexane (110-82-7)</td>
<td>U056</td>
</tr>
<tr>
<td>Toluene (108-88-3)</td>
<td>U220</td>
</tr>
</tbody>
</table>

Waste from residues/unused products
Dispose of in accordance with local regulations. Empty containers or liners may remain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
   Class 2.1
Packing group Not applicable.
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Special provisions N82
Packaging exceptions 306
Packaging bulk/non bulk None.

IATA
UN Number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
   Class 2.1
Label(s) 2.1
Packing group
Environmental hazards Yes
ERG 10L

IMDG
UN/ID No. UN1950
UN Proper shipping name Aerosols, Marine Pollutant
Transport hazard class(es)
   Class 2.1
Environmental Class Yes.
Marine Pollutant
EmS F-D,S-U
ERG Code 10L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions Ltd. Qty.

15. REGULATORY INFORMATION

International Inventories
TSCA Not Regulated.
DSL/NDSL Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory –Yes
DSL/NDSL - Canadian Domestic Substances List-Yes /Non-Domestic Substances List-No
Australia, Canada, Japan, Europe, China, Korea, New Zealand and Philippines, United States and Puerto Rico-Yes

US Federal Regulations
SARA 302 Extremely hazardous substance
   No
SARA 304 Emergency release notification
   Not regulated.
SARA 311/312 Hazard Chemical
   None known.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Acute health hazard  Yes
Chronic Health Hazard  Yes
Fire hazard  Yes
Sudden release of pressure hazard  Yes
Reactivity Hazard  Yes

DEA (Drug Enforcement Administration) List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310 (f)(2) and Chemical Code Number
Acetone (67-64-1)  6532
Toluene (108-88-3)  6594

Drug Enforcement Administration, List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Acetone (67-64-1)  35%WV
Toluene (108-88-3)  35%WV

DEA Exempt Chemical Mixtures Code Number
Acetone (67-64-1)  6532
Toluene (108-88-3)  594

FDA
Not regulated.

SDWA
Not regulated.

CAA (Clean Air Act) Section 112 Hazardous Pollutants (HAPs) List
Toluene (108-88-3)

CAA (Clean Air Act) Section 112 Accidental Release Prevention (40 CFR 68,130)
Not Regulated.

CERCLA-Hazardous Substance List
Acetone (67-64-1) Listed.
Cyclohexane (110-82-7) Listed.
Toluene (108-88-3) Listed.

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>-</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Carbon Dioxide 124-38-9</td>
<td>-</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>n-Heptane 142-82-5</td>
<td>-</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

US California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause birth defect or other reproductive harm.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th></th>
<th></th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health hazards</td>
<td>ND</td>
<td>Flammability</td>
<td>Reactivity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>ND</td>
</tr>
</tbody>
</table>

HMIS
Health hazards | *1 |
Flammability | 3 |
Reactivity | 0 |

Personal protection | p, n & x