1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name United 107 AEROSOL SAFETY SOLVENT

Other means of identification
SDS# UNITED-107

Recommended use of the chemical
And restrictions on use Multi-Purpose Cleaner
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>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gases under pressure</td>
<td>Compressed gas</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 1</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Category 2</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3 Narcotic Effects</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
Contains gas under pressure; may explode if heated. Causes serious eye irritation. Causes skin irritation. May cause drowsiness and dizziness. Suspected of causing genetic defects. May cause cancer. May damage fertility or the unborn child.
Appearance Clear
Physical state Aerosol
Odor Alcohol

Prevention
Do not handle until all safety precautions have been read and understood. 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.

Response
If on skin: Wash with plenty of water. 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.

Environmental hazards
Hazardous to the aquatic environment, acute hazard – Category 3
Hazardous to the aquatic environment, long-term hazard – Category 3

Supplemental information
Hazard statement
Harmful to aquatic life. Harmful to aquatic life with long-lasting effects.

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>Trichloroethylene</td>
<td>79-01-6</td>
<td>90-100</td>
<td>*</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>2.5-10</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
Take off immediately all contaminated clothing. Wash off with soap and plenty of water. Call a poison center or physician if irritation develops and persists. Wash clothing separately before reuse.
**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. Get medical attention if irritation develops or persists.

**Inhalation**

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

**Ingestion**

 Rinse mouth. Call a physician or poison control center immediately.

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

 Skin irritation. Causes serious eye irritation. Symptoms may include stinging, redness, tearing, swelling and blurred vision. May cause drowsiness or dizziness. Vapors have a narcotic effect and may cause headache, fatigue, dizziness or nausea.

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

 Treat symptomatically. Symptoms may be delayed. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**


**Unsuitable extinguishing media**

 None known.

**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**

 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. Move container from fire area if it can be done without risk.

---

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions**

 Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised in significant spillages cannot be contained.

**Environmental precautions**

 Avoid discharge into drains, water courses or onto the ground.

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

**Methods for containment**

 Prevent further leakage or spillage if safe to do so. Stop leak if you can do so without risk. Move the container to a safe and open area if the leak is irreparable.

**Methods for cleaning up**

 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
Pressurized container: Do not pierce or burn, even after use. Use only in well-ventilated areas. Provide adequate ventilation. Do not get in eyes, on skin on clothing. Do not re-use empty containers. Do not use if spray button is missing or defective. Avoid breathing dust/fume/gas/mist/vapors or spray. Observe good industrial hygiene practices. Wash hands thoroughly after handling.

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
Store away from incompatible materials (see Section 10 of the SDS). Store in a well-ventilated place. Level 1 Aerosol.

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>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>(79-01-6)</td>
<td>TWA: 20 ppm, TWA: 10 ppm</td>
<td>TWA: 10 ppm</td>
<td></td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>STEL: 30000 ppm, TWA: 5000 ppm</td>
<td>PEL: 5000 ppm</td>
<td>STEL: 54000 mg/m3, TWA: 5000 ppm</td>
</tr>
<tr>
<td>124-38-9</td>
<td>PEL: 9000 mg/m3</td>
<td>TWA: 30000 ppm, TWA: 9000 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 5000 ppm</td>
<td>TWA: 5000 ppm</td>
</tr>
</tbody>
</table>

NIOSH IDLH  Immediately Dangerous to Life or Health

Biological limited values

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trichloroethylene</td>
<td>15 mg/l</td>
<td>Trichloroacetic Acid</td>
<td>Urine</td>
</tr>
<tr>
<td>(76-01-6)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.5 mg/l</td>
<td>Trichloroethanol, without hydrolysis</td>
<td>Blood</td>
</tr>
</tbody>
</table>

*For sampling details, please see source document

Appropriate engineering controls

Engineering Controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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 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. Regular cleaning of equipment, work area and clothing is recommended, to remove contaminants.

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.</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Clear Liquid.</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol Odor.</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.516 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>None estimated.</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>186.8°F (86°C)</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit – lower</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit – upper</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>100-120 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>(n-octanol/water)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto-ignition 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>Viscosity</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>VOC (weight %)</td>
<td>96.60%</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable at normal conditions.

Possibility of Hazardous Reactions
Hazardous polymerization does not occur.

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

Incompatible materials
Oxidizing agents.

Hazardous Decomposition Products
Hydrogen chloride. Other hazardous decomposition products may be formed.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

**Inhalation**
No adverse effects due to inhalation are expected.

**Eye contact**
Causes serious eye irritation.

**Skin Contact**
No adverse effects due to skin contact are expected.

**Ingestion**
Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics**
Skin irritation. Causes serious eye irritation. Symptoms may include stinging, redness, swelling and blurred vision. May cause central nervous system effects. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Information on toxicological effects

**Acute toxicity**
Expected to be 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/NOEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trichloroethylene (79-01-6)</td>
<td>20 ml/kg (Rabbit)</td>
<td>2402 mg/kg (Mouse)</td>
<td>8450 mg/l, 4 hours (Mouse)</td>
</tr>
<tr>
<td>Trichloroethylene (79-01-6)</td>
<td>-</td>
<td>-</td>
<td>*1200 mg/l, 473 hours 730 mg/l 100 mg/l, 8 hours (NOEL – Rabbit)</td>
</tr>
<tr>
<td>*NOEL</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Skin/Eye irritation**
Causes skin irritation and serious eye irritation.

**Sensitization**
This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**
Suspected of causing birth defects.

**Carcinogenicity**
Suspected of causing cancer
Trichloroethylene (79-01-6) - IARC – 2A probably carcinogenic to humans
Trichloroethylene (79-01-6) – NTP – Reasonable anticipated to be a human carcinogen.

**Reproductive toxicity**
Suspected of damaging fertility.

**STOT - single exposure**
May cause drowsiness or dizziness.

**STOT - repeated exposure**
No Information available.

**Aspiration hazard**
Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

**Ecotoxicity**
This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on environment.

**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>Trichloroethylene</td>
<td>2.61</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**
Trichloroethylene U228

#### Waste from residues/unused products
Disposal should be in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (See disposal instructions).

#### 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 12/31/20 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</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.2</td>
</tr>
<tr>
<td>Subsidiary class(es)</td>
<td>6.1 (PGIII)</td>
</tr>
<tr>
<td>Labels required</td>
<td>2.2, 6.1</td>
</tr>
<tr>
<td>Packaging exceptions</td>
<td>306</td>
</tr>
</tbody>
</table>

#### IATA

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.2</td>
</tr>
<tr>
<td>Subsidiary class(es)</td>
<td>6.1 (PGIII)</td>
</tr>
<tr>
<td>Labels required</td>
<td>2.2, 6.1</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>No.</td>
</tr>
<tr>
<td>ERG Code</td>
<td>2P</td>
</tr>
</tbody>
</table>

#### IMDG

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Aerosols</td>
</tr>
<tr>
<td>Transport hazard Class(es)</td>
<td>2.2</td>
</tr>
<tr>
<td>Subsidiary class(es)</td>
<td>6.1 (PGIII)</td>
</tr>
<tr>
<td>Labels(s)</td>
<td>2.2, 6.1</td>
</tr>
<tr>
<td>Environmental Class</td>
<td>No.</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>F-D,S-U</td>
</tr>
<tr>
<td>EmS</td>
<td></td>
</tr>
</tbody>
</table>

#### Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.
15. REGULATORY INFORMATION

International Inventories

County(s) or Region
Australia     Yes*
China        Yes*
Europe       Yes*
Japan        Yes*
Korea        Yes*
New Zealand  Yes*
Philippines  Yes*

*Yes indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Not Regulated
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 or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
- Acute health hazard Yes
- Chronic Health Hazard Yes
- Fire hazard No
- Sudden release of pressure hazard Yes
- Reactive Hazard No

SARA 304 Emergency release notification
Not regulated.

SARA 302 Extremely hazardous substance
No

CAA (Clean Air Act) Section 112 Hazardous Air Pollutants (HAPs) List
Trichloroethylene (79-01-6)

CAA (Clean Air Act) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
No regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Trichloroethylene (79-01-6) Listed.

US State Regulations

California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trichloroethylene</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>79-01-6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>124-38-9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION
HMIS

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2*</td>
<td>2</td>
<td>0</td>
<td>x</td>
</tr>
</tbody>
</table>

Issue Date 11-Apr-2015
Revision Date 3-June-2015
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