1. IDENTIFICATION

**Product Identifier**

**Product Name**
United 190 UP WHITE

**Other means of identification**

**SDS #**
UNITED-190

**Recommended use of the chemical and restrictions on use**

**Recommended Use**
ACOUSTICAL CEILING TILE WHITENER

**Uses Advised Against**
For industrial and institutional use only.

**Details of the supplier of the safety data sheet**

**Supplier Address**
United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

**Emergency Telephone Number**

**Company Phone Number**
800-323-2594 (to reorder)

**Emergency Telephone (24 hr)**
INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

**Classification**

<table>
<thead>
<tr>
<th>Flammable Aerosol</th>
<th>Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye Irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

**Label elements**

**Signal word** DANGER

**Hazard statements**

Extremely Flammable Aerosol
Contains gas under pressure: May explode if heated.
Causes skin and serious eye irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 14%
Appearance  Aerosol; white spray  Physical State  Aerosol  Odor  Hydrocarbon solvent scent

Emergency Overview

Precautionary Statements - Prevention
Keep away from heat, sparks, open flames, and 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 50ºC/122ºF.
Store in a well-ventilated place.
Wash hands thoroughly after handling.
Wear protective gloves and eye protection.

Precautionary Statements - Response
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, vapors, and spray.
Use only outdoors or in a well-ventilated area.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

Precautionary Statements - Disposal
Dispose of contents and container in accordance with local, state, and national regulations.

Precautionary Statements - Storage
Store according to local rules and regulations.
Store in a well-ventilated place.

Hazards not otherwise classified (HNOC)
None known

Other Information
None known
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>10-30</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>5-10</td>
</tr>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>10-30</td>
</tr>
<tr>
<td>Isoparaffinic Hydrocarbon</td>
<td>64742-47-8</td>
<td>3-7</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>15-40</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

**First Aid Measures**

**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.

**Skin Contact**
If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

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

**Ingestion**
If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

**Most important symptoms and effects**

**Symptoms**
No information available.

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

**Notes to Physician**
Treat symptomatically.

**Acute Health Hazard**

**Eyes:** redness, tearing, blurred vision

**Skin:** defatting and dermatitis

**Inhalation:** Anesthetic, irritation, Central Nervous System depression

**Oral:** abdominal irritation, nausea, vomiting, diarrhea, and aspiration risk

**Chronic Health Hazard**
May be toxic to kidney and liver.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Dry chemical or suitable for surrounding materials.

**Unsuitable Extinguishing Media** Water spray/steam.
Specific Firefighting Procedure
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.

Usual Fire and Explosion Hazards
Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignitions.

Hazardous Combustion Products
Oxides of Carbon.

6. ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up

Methods for Clean-Up
Wipe up small spill with towel and allow area to dry. Excess may be removed after drying with sandpaper or other scraping device. Dispose of residue in accordance with federal, state and local guidelines.

Waste Disposal
Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling
Pressurized container: Do not pierce or burn, even after use. Protect from sunlight.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>500ppm</td>
<td>1000ppm</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>1000ppm</td>
<td>1000ppm</td>
</tr>
<tr>
<td>Heptane</td>
<td>400ppm</td>
<td>400ppm</td>
</tr>
<tr>
<td>Isoparaffinic Hydrocarbon</td>
<td>400ppm</td>
<td>400ppm</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>1000ppm</td>
<td>1000ppm</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Control
Ambient ventilation suitable, forced ventilation should not be required.

Individual protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Protection</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/Face Protection</td>
<td>Safety glasses.</td>
</tr>
<tr>
<td>Skin and Body Protection</td>
<td>Wear protective gloves and protective clothing.</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.</td>
</tr>
</tbody>
</table>
General Hygiene Considerations: Wash hands and all equipment thoroughly after handling.

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>Aerosol; White spray</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Hydrocarbon Scent</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing 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>Flash Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Extremely flammable aerosol</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt;2</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.87</td>
<td></td>
</tr>
<tr>
<td>Solids (%)</td>
<td>26%</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Volatility including Water</td>
<td>80.8%</td>
<td></td>
</tr>
<tr>
<td>Volatile Organic Compound</td>
<td>51%</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>Meets California VOC reactivity limits of 1.20 for flat paint products.</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
None known

Chemical Stability
Stable

Possibility of Hazardous Reactions
None known

Conditions to Avoid
Conditions greater than 50°C/122°F and sources of ignition.

Incompatible Materials
Some plastics and painted surfaces, pre-test before using.

Hazardous Decomposition Products
Oxides of Carbon.

11. TOXICOLOGICAL INFORMATION
Product Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD&lt;sub&gt;50&lt;/sub&gt; Oral</th>
<th>LD&lt;sub&gt;50&lt;/sub&gt; Dermal</th>
<th>LC&lt;sub&gt;50&lt;/sub&gt; Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>5800mg/kg (rat)</td>
<td>5340mg/kg (rabbit)</td>
<td>50100mg/m³ 8hr (rat)</td>
</tr>
<tr>
<td>Ethyl Alcohol 64-17-5</td>
<td>6300mg/kg (rabbit)</td>
<td>7060mg/kg (rabbit)</td>
<td>20000ppm 10hr (rat)</td>
</tr>
<tr>
<td>Heptane 142-82-5</td>
<td>1500mg/kg (rat)</td>
<td>2000mg/kg (rabbit)</td>
<td>103g/m³ 4hr (rat)</td>
</tr>
<tr>
<td>Isoparaffinic Hydrocarbon 64742-47-8</td>
<td>-</td>
<td>5g/kg (rabbit)</td>
<td>5mg/L 4hr (rat)</td>
</tr>
</tbody>
</table>

Information on likely routes of exposure

**Product Information**

**Eye Contact**
Causes eye irritation, defatting.

**Skin Contact**
Causes localized defatting, irritation, dermatitis.

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

**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**
Eyes: redness, tearing, blurred vision; Skin: defatting and dermatitis; Inhalation: Anesthetic, irritation, Central Nervous System depression; Oral: abdominal irritation, nausea, vomiting, diarrhea, and aspiration risk

**Chronic Health Hazard**
May be toxic to kidneys and liver.

**Carcinogenicity**
None known

12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Toxic to aquatic life with long lasting effects. Avoid releasing to the environment.

**Persistence/Degradability**
Component or components of this product are not biodegradable.

**Bioaccumulation**
Components of this product can bioaccumulate in aquatic organisms.

**Mobility**
This product is mobile in soil.

**Other Adverse Effects**
Not determined
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA Status
Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal.

14. TRANSPORT INFORMATION

Note
This product 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 UN1950 aerosols. Limited quantities require the limited quantity diamond mark on the carton 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
Proper Shipping Name
Aerosols, Ltd. Qty.
UN No
UN1950
Hazard Class
2.1
Packaging Group
N/A

IATA
Proper Shipping Name
Aerosols, Ltd. Qty.
UN No
UN1950
Hazard Class
2.1

IMDG
Proper Shipping Name
Aerosols, Ltd. Qty.
UN No
UN1950
Hazard Class
2.1
Environmental Hazards
Water
Marine Pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA
All Chemicals are listed or exempt.

US Federal Regulations

SARA 311/312 Hazard Categories

Acute Health Hazard
No
Chronic Health Hazard
No
Fire Hazard
Yes
Sudden Release of Pressure Hazard
No
Reactive Hazard
No

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following Chemical(s) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Cas-No</th>
<th>Health Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>Acute, Chronic, Flammable</td>
</tr>
</tbody>
</table>
## CERCLA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Cas-No</th>
<th>Reported Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>=500lbs</td>
</tr>
</tbody>
</table>

### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>3</td>
<td>0</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>3</td>
<td></td>
<td>B</td>
</tr>
</tbody>
</table>

**Issue Date**: 06-Feb-2015  
**Revision Date**: 24-Jun-2015  
**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