

Issue Date 17-Sep-2010

Revision Date: 03-Jun -2015

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** United 636 SOLAR GOLD Floor Drain Treatment

### Other means of identification

**SDS #** UNITED-636

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

**Recommended Use** Solar Gold Floor Drain Treatment.

**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

Flammable Liquids	Category 3
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### Hazard Statements

Flammable liquid and vapor



**Appearance** Clear reddish orange liquid

**Physical State** Liquid

**Odor** Citrus

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
 Keep container tightly closed.  
 Ground/bond container and receiving equipment.  
 Use explosion-proof equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction.

**Precautionary Statements - Storage**

Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Fatty Acid Methyl Ester	67784-80-9	65-75
D-limonene	94266-47-4	25-35

**4. FIRST-AID MEASURES**

**First Aid Measures**

- Eye Contact**                      Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
- Skin Contact**                      Wash with soap and water. If skin irritation persists, call a physician.
- Inhalation**                          Remove to fresh air. Apply CPR if needed. Call a physician or poison control center immediately.
- Ingestion**                              Do not induce vomiting. Call a physician or poison control center immediately.

**Most important symptoms and effects**

- Symptoms**                              Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged or repeated exposure can remove natural skin oils and may produce irritation. Breathing fumes may irritate nose, throat, and lungs and may cause nausea. Ingestion of large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.

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

- Notes to Physician**                      Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media** Do not use water except as a mist or foam as it may spread the burning material.

### Specific Hazards Arising from the Chemical

Rags soaked with this product may spontaneously ignite; to avoid this danger, used rags should be soaked with water and/or stored in a container full of soapy water. Closed containers may explode due to buildup of pressure when exposed to extreme heat.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water may be used to cool containers to prevent pressure build up.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Remove all sources of ignition. Ventilate affected area.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Soak up with inert absorbent material. Place in designated disposal container.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Ground/bond container and receiving equipment. Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store away from sources of ignition. Keep in properly labeled containers.

**Incompatible Materials** Strong acids. Oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

**Appropriate engineering controls**

**Engineering Controls** Ventilation systems.

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

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Chemical resistant protective gloves.

**Respiratory Protection** None required if good ventilation is maintained. If TLV is exceeded, use NIOSH-approved respirator for organic vapors.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Citrus
<b>Appearance</b>	Clear reddish orange liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Reddish orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not available	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	> 43 °C / > 110 °F	Tag Closed Cup
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	6.1	
Lower Flammability Limit	0.7	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.870	(1=Water)
Water Solubility	Insoluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	32.726%	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children. Contact with incompatible materials.

### Incompatible Materials

Strong acids. Oxidizing agents.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

**Component Information** Not available

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

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

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical measures of toxicity

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

Not available

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note**

According to 49 CFR 173.150(f) (1), this material should be reclassified as "NA 1992, Combustible Liquid, N.O.S." if it is shipped in bulk.

**DOT**

Not Regulated

**IATA**

**UN/ID No**

UN2319

**Proper Shipping Name**

Terpene hydrocarbons, n.o.s., (contain: Limonene mixture)

**Hazard Class**

3

**Packing Group**

III

**IMDG**

**UN/ID No**

UN2319

**Proper Shipping Name**

Terpene hydrocarbons, n.o.s., (contain: Limonene mixture)

**Hazard Class**

3

**Packing Group**

III

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA**

Listed

Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*  
*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*  
*ENCS - Japan Existing and New Chemical Substances*  
*IECSC - China Inventory of Existing Chemical Substances*  
*KECL - Korean Existing and Evaluated Chemical Substances*  
*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations****CERCLA**

Does not apply.

**SARA 311/312 Hazard Categories**

Not determined

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

1

**Flammability**

2

**Physical Hazards**

0

**Personal Protection**

B

**Issue Date**

17-Sep-2010

**Revision Date:**

03-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**