

Issue Date: 14-Jan-2015

Revision Date: 05-16-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** #135Soy Soy Ultra Orange Hand Cleaner

### Other means of identification

**SDS #** #135Soy

**Product Code** #135Soy

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

**Recommended Use** Hand Cleaner.

### Details of the supplier of the safety data sheet

#### **Distributor**

1st Ayd Corporation  
1325 Gateway Drive  
Elgin, IL 60124

### Emergency Telephone Number

**Company Phone Number** (847) 622-0001  
**Emergency Telephone (24 hr)** Chem Tel: 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

**Appearance** Viscous light orange paste

**Physical State** Liquid

**Odor** Citrus odor

### Classification

|                    |            |
|--------------------|------------|
| Skin sensitization | Category 1 |
| Flammable Liquids  | Category 4 |

### Hazards Not Otherwise Classified (HNOC)

Causes mild skin irritation

### Signal Word

Warning

### Hazard Statements

May cause an allergic skin reaction  
Combustible liquid



**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of soap and water  
Take off contaminated clothing and wash it before reuse  
If skin irritation or rash occurs: Get medical advice/attention  
IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name | CAS No    | Weight-% |
|---------------|-----------|----------|
| d-Limonene    | 5989-27-5 | >5       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES**

**First Aid Measures**

- Eye Contact**                      Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
- Skin Contact**                      Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- Inhalation**                              Remove to fresh air.
- Ingestion**                              Do not induce vomiting. Give large quantities of water. If available, give several glasses of milk or acidic beverages (tomato or orange juice, carbonated soft drinks). Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical attention immediately.

**Most important symptoms and effects**

- Symptoms**                              May be irritating to skin and eyes. May cause an allergic skin reaction. Ingestion may cause gastric upset. Inhalation may cause mild irritation to eyes, nose, and throat.

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

- Notes to Physician**                      Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water spray (fog). Dry chemical. Carbon dioxide (CO2). Alcohol foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Combustible liquid. Closed containers may rupture/explode when exposed to temperatures above 120°F.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO2).

**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.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal Precautions** Use personal protection recommended in Section 8.

**Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

**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** Contain and collect with an inert absorbent and place into an appropriate container for disposal. Flush spill area with water to reduce slipping hazards.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with eyes. Wash face, hands, and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep containers closed when not in use. For industrial or professional use only.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place.

**Incompatible Materials** Strong oxidizers. Ketones. Nitric acid. Sulfuric acid. Halogens. Halogen compounds.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name               | ACGIH TLV                | OSHA PEL | NIOSH IDLH |
|-----------------------------|--------------------------|----------|------------|
| Triethanolamine<br>102-71-6 | TWA: 5 mg/m <sup>3</sup> | -        | -          |

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

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

**Eye/Face Protection** Wear eye/face protection.

**Skin and Body Protection** Wear suitable protective clothing.

**Respiratory Protection** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**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 odor    |
| <b>Appearance</b>     | Viscous light orange paste | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Light orange               |                       |                |

| <u>Property</u>                     | <u>Values</u>         | <u>Remarks • Method</u> |
|-------------------------------------|-----------------------|-------------------------|
| <b>pH</b>                           | 8.5 (as received)     |                         |
| <b>Melting Point/Freezing Point</b> | 0 °C / 32 °F          |                         |
| <b>Boiling Point/Boiling Range</b>  | 0 °C / 212 °F         |                         |
| <b>Flash Point</b>                  | 65.5 °C / 150 °F      |                         |
| <b>Evaporation Rate</b>             | <1                    | (butyl acetate = 1)     |
| <b>Flammability (Solid, Gas)</b>    | Liquid-Not applicable |                         |
| <b>Upper Flammability Limits</b>    | None established      |                         |
| <b>Lower Flammability Limit</b>     | None established      |                         |
| <b>Vapor Pressure</b>               | 2.0 mm Hg             |                         |
| <b>Vapor Density</b>                | 4.9                   | (Air=1)                 |
| <b>Specific Gravity</b>             | 0.94                  | (Water = 1)             |
| <b>Water Solubility</b>             | Slightly soluble      |                         |
| <b>Solubility in other solvents</b> | Not determined        |                         |
| <b>Partition Coefficient</b>        | Not determined        |                         |
| <b>Auto-ignition Temperature</b>    | Not determined        |                         |
| <b>Decomposition Temperature</b>    | Not determined        |                         |
| <b>Kinematic Viscosity</b>          | Not determined        |                         |
| <b>Dynamic Viscosity</b>            | Not determined        |                         |
| <b>Explosive Properties</b>         | Not determined        |                         |
| <b>Oxidizing Properties</b>         | Not determined        |                         |

**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.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep separated from incompatible substances. Avoid temperatures above 120°F. Keep out of reach of children.



**Component Information**

| Chemical Name               | Algae/aquatic plants   | Fish   | Toxicity to microorganisms | Crustacea                             |
|-----------------------------|--|--|----------------------------|---------------------------------------|
| d-Limonene<br>5989-27-5     |  | 0.619 - 0.796: 96 h<br>Pimephales promelas mg/L<br>LC50 flow-through 35: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50  |                            |                                       |
| Triethanolamine<br>102-71-6 | 216: 72 h Desmodesmus<br>subspicatus mg/L EC50 169:<br>96 h Desmodesmus<br>subspicatus mg/L EC50 | 10600 - 13000: 96 h<br>Pimephales promelas mg/L<br>LC50 flow-through 1000: 96<br>h Pimephales promelas mg/L<br>LC50 static 450 - 1000: 96 h<br>Lepomis macrochirus mg/L<br>LC50 static |                            | 1386: 24 h Daphnia magna<br>mg/L EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name               | Partition Coefficient |
|-----------------------------|-----------------------|
| Triethanolamine<br>102-71-6 | -2.53                 |

**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.

**California Hazardous Waste Status**

| Chemical Name           | California Hazardous Waste Status |
|-------------------------|-----------------------------------|
| d-Limonene<br>5989-27-5 | Toxic                             |

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG**  
**Marine Pollutant** This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

| Chemical Name | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| d-Limonene    | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

**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*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

| Chemical Name                                  | CAS No    | Weight-% | SARA 313 - Threshold Values % |
|--|-----------|----------|-------------------------------|
| Methenamine 3-chloroallylochloride - 4080-31-3 | 4080-31-3 | <1       | 1.0                           |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

| Chemical Name                                   | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Soybean Oil<br>8001-22-7                        |            |               | X            |
| Lanolin<br>8006-54-0                            |            |               | X            |
| Triethanolamine<br>102-71-6                     | X          | X             | X            |
| Methenamine 3-chloroallylochloride<br>4080-31-3 | X          |               |              |

**16. OTHER INFORMATION**

|             |                       |                     |                         |                            |
|-------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b>NFPA</b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|             | 1                     | 1                   | 0                       | Not determined             |
| <b>HMIS</b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|             | Not determined        | Not determined      | Not determined          | Not determined             |

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**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 a 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**