

# Material Safety Data Sheet

Citrus Scrub' n Shine



## 1. Product and company identification

|                      |   |                             |                               |
|----------------------|---|-----------------------------|-------------------------------|
| <b>Product name</b>  | Citrus Scrub' n Shine   | <b>In case of emergency</b> | 1-800-843-6174                |
| <b>Code</b>          | 525FR   | <b>Validation date</b>      | 8/16/2010.                    |
| <b>Material uses</b> | Combination floor cleaner and restorer  | <b>Print date</b>           | 8/16/2010.                    |
| <b>Manufacturer</b>  | Essential Industries, Inc.<br>P.O. Box 12<br>Merton, WI 53056-0012<br>Phone: 262-538-1122 | <b>Responsible name</b>     | Regulatory Affairs Department |

### Hazardous Material Information System (U.S.A.)

|                     |   |                   |
|---------------------|---|-------------------|
| Health              | 1 | HAZARD RATING     |
| Flammability        | 2 | 4 = Extreme       |
| Physical hazards    | 0 | 3 = High          |
| Personal protection | B | 2 = Moderate      |
|                     |   | 1 = Slight        |
|                     |   | 0 = Insignificant |

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

## 2. Hazards identification

**Emergency overview** WARNING!  
FLAMMABLE LIQUID AND VAPOR. COMBUSTIBLE.  
Flammable liquid. Keep away from heat, sparks and flame. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use.

### Potential acute health effects due to overexposure

**Inhalation** No known significant effects or critical hazards.  
**Ingestion** No known significant effects or critical hazards.  
**Skin** May cause skin irritation.  
**Eyes** May cause eye irritation.

### Potential chronic health effects due to overexposure

**Carcinogenicity** No known significant effects or critical hazards.  
**Mutagenicity** No known significant effects or critical hazards.  
**Teratogenicity** No known significant effects or critical hazards.  
**Developmental effects** No known significant effects or critical hazards.  
**Fertility effects** No known significant effects or critical hazards.

See toxicological information (section 8)

## 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## 4. First aid measures

**Eye contact** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.  
**Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms occur.  
**Inhalation** Move exposed person to fresh air. Get medical attention if symptoms occur.  
**Ingestion** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.  
**Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.  
**Notes to physician** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 5. Fire-fighting measures

**Flammability of the product** Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.  
**Extinguishing media**  
**Suitable** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
**Special exposure hazards** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

## 5. Fire-fighting measures

**Hazardous thermal decomposition** No specific data.

**products**

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Flash point** Closed cup: 53°C (127.4°F)

## 6. Control and preventive measures

**Storage** Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Personal protection**

**Respiratory** None required. However, use of adequate ventilation is good industrial practice.

**Hands** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Skin** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Eyes** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**Methods for cleaning up**

**Small spill** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

**Waste disposal** Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## 7. Physical and chemical properties

|                       |              |                                   |                      |
|-----------------------|--------------|-----------------------------------|----------------------|
| <b>Physical state</b> | Liquid       | <b>Boiling/condensation point</b> | 100°C (212°F)        |
| <b>Color</b>          | Light Yellow | <b>Melting/freezing point</b>     | 0°C (32°F)           |
| <b>Odor</b>           | Citrus       | <b>Vapor pressure</b>             | <40 kPa (<300 mm Hg) |
| <b>VOC</b>            | 1.5%         | <b>Vapor density</b>              | <1 [Air = 1]         |
| <b>pH</b>             | 9.7 to 10.7  | <b>Weight per Gallon:</b>         | 8.33 lbs./gal.       |
| <b>1% pH:</b>         | 7.8          | <b>Specific Gravity:</b>          | 1.00 gm/ml           |

## 8. Toxicological information

**Acute toxicity**

**Conclusion/Summary** Not available

**Chronic toxicity**

**Conclusion/Summary** Not available

## 9. Transport information

| Regulatory information | UN number     | Proper shipping name | Classes | PG* | Label | Additional information |
|------------------------|---------------|----------------------|---------|-----|-------|------------------------|
| DOT Classification     | Not regulated | -                    | -       | -   |       | -                      |

PG\* : Packing group