

# SAFETY DATA SHEET

## CITRUS SCRUB 'N SHINE

### 1. Identification of the substance/preparation and of the company/undertaking

**Identification of the substance or preparation**

- Product name** : CITRUS SCRUB 'N SHINE  
**Product No.** : 00525FR  
**Use of the substance/preparation** : Combination floor cleaner and restorer  
**Company/undertaking identification**
- Manufacturer** : Essential Industries, Inc.  
P.O. Box 12  
28391 Essential Rd.  
Merton, WI 53056-0012 USA
- Supplier** : Essential Industries, Inc.  
P.O. Box 12  
28391 Essential Rd.  
Merton, WI 53056-0012 USA
- Emergency telephone number** : 001-262-821-7814

### 2. Composition/information on ingredients

**Substance/Preparation** : Preparation

Ingredient Name	CAS number	%	EC Number	Classification
(R)-p-Mentha-1,8-diene	5989-27-5	0.1-1	227-813-5	R10 Xi; R38 R43 N; R50/53
See Section 16 for the full text of the R Phrases declared above				

\* Occupational Exposure Limit(s), if available, are listed in section 8

### 3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

- Classification** : R10; R52/53  
**Human health hazards** : Contains ((R)-p-Mentha-1,8-diene). May produce an allergic reaction.  
**Environmental Hazards** : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

See Section 11 for more detailed information on health effects and symptoms.

### 4. First aid measures

**First aid measures**

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
- Skin contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Specific treatments** : None identified.

See Section 11 for more detailed information on health effects and symptoms.

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## 5. Fire-fighting measures

- Extinguishing media** : Use foam or all purpose dry chemicals to extinguish. This material is harmful to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Special exposure hazards** : No specific hazard.  
Not available.
- Hazardous thermal decomposition products** : None.
- Special protective equipment for fire-fighters** : Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
- Remark** : No additional remark.

## 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
- Environmental Precautions and Clean-up Methods** : Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.  
If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

**Note:** See section 8 for personal protective equipment and section 13 for waste disposal.

## 7. Handling and storage

- Handling** : Avoid contact of spilled material and runoff with soil and surface waterways.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Industrial applications

## 8. Exposure controls/personal protection

- Exposure limit values** : Not available.
- Recommended monitoring procedures** : Good general ventilation should be sufficient to control airborne levels.
- Exposure controls**
- Occupational exposure controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection** : Use latex gloves.
- Eye protection** : Safety glasses.
- Skin protection** : Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits).

## 9. Physical and chemical properties

### General information

#### Appearance

- Physical state** : Liquid.
- Color** : Light yellow.
- Odor** : Citrus.

### Important health, safety and environmental information

- pH** : 10.0 - 10.6

## CITRUS SCRUB 'N SHINE

<b>Boiling Point</b>	: The lowest known value is 100°C (212°F) (water).
<b>Melting Point</b>	: May start to solidify at 0°C (32°F) based on data for: water.
<b>Flash point</b>	: 127°F 53°C (C.C.)
<b>Flammability (solid, gas)</b>	: Not applicable.
<b>Explosive properties</b>	: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Oxidizing Properties</b>	: Not available.
<b>Relative density</b>	: The only known value is 1 g/cm <sup>3</sup> (water).
<b>Solubility</b>	: Easily soluble in cold water, hot water, methanol, acetone.
<b>Octanol/water partition coefficient</b>	: Not determined.
<b>Viscosity</b>	: Not determined.
<b>Evaporation rate (butyl acetate = 1)</b>	: 0.36 (water) compared to Butyl acetate.

### Other information

## 10. Stability and reactivity

<b>Stability</b>	: The product is stable.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame).
<b>Materials to avoid</b>	: None identified.
<b>Hazardous decomposition products</b>	: None.

## 11. Toxicological information

### Potential Acute Health Effects

<b>Inhalation</b>	: May cause respiratory tract irritation.
<b>Ingestion</b>	: May irritate digestive tract.
<b>Skin contact</b>	: Irritating to skin. May cause sensitization by skin contact.
<b>Eye contact</b>	: Irritating to eyes.

### Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
(R)-p-Mentha-1,8-diene	LD50	4400 mg/kg	Oral	Rat
	LD50	5600 mg/kg	Oral	Mouse

<b>Carcinogenicity</b>	: No carcinogenic effect known.
<b>Mutagenicity</b>	: No mutagenic effect.
<b>Reproductive toxicity</b>	: No teratogenic effect.

### Over-exposure signs/symptoms

<b>Other adverse effects</b>	: Not available.
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## 12. Ecological information

### Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
(R)-p-Mentha-1,8-diene	Daphnia pulex (EC50)	48 hour(s)	69.6 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.702 mg/l

<b>Mobility</b>	: Not available.
<b>Other adverse effects</b>	: Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**13. Disposal considerations**

- Methods of disposal** : Avoid contact of spilled material and runoff with soil and surface waterways. Dispose of according to all federal, state and local applicable regulations.
- Waste Classification** : Not applicable.
- European Waste Catalogue (EWC)** : Not available.
- Hazardous Waste** : The classification of the product may meet the criteria for a hazardous waste

**14. Transport information****International transport regulations**

Regulatory information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
<b>ADR/RID Class</b>	Not Regulated.	Not controlled under ADR (Europe).		-		-
<b>ADN Class</b>	Not Regulated.	Not controlled under ADN (Europe).		-		-
<b>IMDG Class</b>	Not Regulated.	Not controlled under IMDG.		-		-
<b>IATA-DGR Class</b>	Not Regulated.	Not controlled under IATA.		-		-

**15. Regulatory information****EU Regulations****Hazard symbol(s)****Risk phrases**

- : R10- Flammable.  
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases**

- : S24- Avoid contact with skin.  
S28- After contact with skin, wash immediately with plenty of water  
S37- Wear suitable gloves.

**Product Use**

- : Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.  
- Industrial applications

**Additional Warning Phrases**

- : Contains ((R)-p-Mentha-1,8-diene). May produce an allergic reaction.

**EC Statistical Classification (Tariff Code)**

- : 32089091

**National regulations****16. Other information****Full text of R phrases referred to in Sections 2 and 3 - United Kingdom (UK)**

- : R10- Flammable.  
R38- Irritating to skin.  
R43- May cause sensitization by skin contact.  
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## **CITRUS SCRUB 'N SHINE**

**Full text of classifications referred to in Sections 2 and 3 - United Kingdom (UK)** : Xi - Irritant  
N - Dangerous for the environment.

**Further information** : UBA No. 29160007

### **HISTORY**

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**Prepared by** : Regulatory Affairs.

### **Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**Version**

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