ORANGE-SOL
Household Products

# MATERIAL SAFETY DATA SHEET

De-Solv-it®

# CITRUS SOLUTION™

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## Section 1
## Product & Company Identifications

**Product Name:** CITRUS SOLUTION™
**Product Use:** Removal of grease, oil, tar, asphalt, chewing gum, crayon, fresh blood, grass stains, soap scum, waxes, oily cosmetics, adhesives, scuff marks and stickers.
**Distributor:** ORANGE-SOL Household Products, Inc., 1400 Fiesta Blvd., Bldg. 100, Gilbert, Arizona 85233-1023

**For Information & Emergencies:** (480) 497-8822 (7am-5pm, Mon-Fri MST) www.orange-sol.com
**Preparation Date: 15 Jun 2001**
**Revision Date: 17 Jun 2002**
**MSDS #: 70004-006**

## Section 2
## Information on Ingredients

**Product Mixture:** No hazardous ingredients as per OSHA. 29CFR 1910,1200.
**Components:** This section is proprietary.

## Section 3
## Hazardous Identification

**Emergency Overview: Avoid inhalation of mist and contact with eyes.**
**Primary Routes of Contact: Ingestion, inhalation, and absorption.**
**Physical Hazard: None established.**

### Health Hazard

**Eye:** May cause irritation.
**Skin:** Repeated or prolonged exposure may cause dermatitis in sensitive individuals.
**Ingestion:** May cause gastric disturbances such as diarrhea.
**Vapor Inhalation:** Avoid mists, which may irritate mucous membranes.
**Carcinogenicity Listings: NTP:** None. **IARC:** None. **OSHA:** None. **ACGIH:** None.

**Signs and Symptoms of Overexposure:** Red, dry skin at point of contact.
**Medical Conditions Aggravated by Exposure:** Dermatitis may become aggravated in sensitive individuals.

## Section 4

## First Aid Procedures

**Eye:** Remove contact lenses, flush with water for at least 15 minutes while lifting eyelids. If irritation develops and persists, contact a physician.
**Skin:** Remove effected clothing. Wash skin thoroughly with soap and water. If irritation develops and persists, contact a physician.
**Ingestion:** If swallowed, do not induce vomiting. May cause chemical pneumonia if aspirated into lungs.
**Inhalation:** Move to fresh air. If irritation develops and persists, contact a physician.

## Section 5
## Fire & Explosion Hazard

**Flash Point and Method: >200°F, PMCC. ASTM D-93.**
**Explosion Data: Sensitivity to impact: None. Sensitivity to static charge: None.**
**Combustion Products: As with any organic material, combustion will produce carbon dioxide an/or carbon monoxide.**
**Extinguishing Media: Water fog, carbon dioxide, dry chemical, foam.**
**Unusual Fire and Explosion Hazard: None.**
**Special Firefighting Precautions: Do not use streams of water; may spread burning liquid.**
**Firefighting Equipment: Use self-contained breathing apparatus in any enclosed area.**

## Section 6
## Accidental Release Measures

**Small Spills:** Absorb with suitable material. Dispose in an appropriate waste container.
**Large Spills:** Dike with soil, and or other suitable materials, avoiding the use of sawdust. Recover usable product, rinse area clean.
**Personal Precautions:** No special requirements.
**Environmental Precautions:** No special requirements known.

## Section 7
## Handling & Storage

**Safe Handling and Hygienic Practices:** Avoid prolonged skin contact. Wash after using.
**Storage Requirements:** Store in tightly-closed, original container away from flame or other ignition source.

## Section 8
## Exposure Controls

**Engineering controls:** No special requirements.

## Personal Protection

**Ventilation:** No special requirements.
**Respiratory:** Avoid breathing mist.
**Eye Protection:** Eye protection based on splash potential.
**Clothing:** Gloves recommended for sensitive individuals.
**Exposure Limit Guidelines:** None established.

## Section 9
## Physical & Chemical Properties

**Appearance and Odor: Clear orange color with a citrus odor.**
**Specific Gravity: .786, 6.56 lbs/US gallon.**

**Vapor Density: (Air=1), >1.**
**Vapor Pressure: Not Determined.**
**Evaporation Rate: (BuAc=1) >1.**
**pH of Concentrate: None**
**Solubility in Water: Not Soluble.**
**Percent Volatile by Volume: 84%.**

## Section 10
## Stability & Reactivity

**Stability:** Stabile.
**Conditions to Avoid:** Avoid contact with oxidizing agents and acids.
**Hazardous Decomposition:** None expected under normal conditions.
**Hazardous Polymerization:** Should not occur.

## Section 11
## Toxicity Information

**Toxicity:** None known.

## Section 12
## Disposal Considerations

**Biodegradability:** Biodegradable.
**RCRA Classification:** This product has been evaluated for RCRA characteristics and does not meet the criteria for a hazardous waste, if discarded in its purchased form.
**Special Instructions:** No special requirements.

## Section 13
## Transportation Information

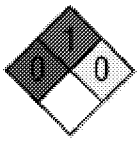
**DOT Labeling: Not required.**
**Proper Shipping Name: Not required.**
**Hazard Class: Not required.**
**Identification Number: Not required.**

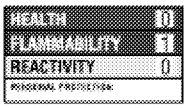
## Section 14
## Regulatory Information

**CERCLA, State and Local Planning (Reportable Quantities): Not required.**
**OSHA Compliance: This MSDS prepared in accordance with 29CFR 1910.1200 and ANSI Z400.1 standard.**
**SARA Title III Superfund: The product in its purchased form is not regulated under the SARA "Hazard Categories" under Section 311 and 312 of the Superfund Amendment and the Reauthorization Act of 1986 (SARA Title III).**
**State Right-to-Know Compliance: No hazardous components.**
**TSCA: Although components of this product find listing under the Toxic Substances Act (TSCA), this blended product requires no import or export declaration.**
**Volatile Organic Compound (VOC) Content: Under C12 exemption contains 37.5 Wt. %**
**Special Instructions: No special requirements.**

## Section 15
## Other Information

**Hazard:** (Based on HMIS Standard), Health: 0 Flammability: 1 Reactivity: 0
**Hazard Index:** Slight: 0, Moderate: 1, Serious: 2, Severe: 3, Extreme: 4.




**We believe the information contained herein is accurate and current as of the date of this Material Safety Data Sheet. Nevertheless, the user must evaluate and determine whether the conditions for use and application of the product, including proper disposal thereof, are appropriate, safe, and legal.**