



MATERIAL SAFETY DATA SHEET



Enhanced

™ Trademark of the ORANGE-SOL Group of Companies, Ltd.

Section 1

Product & Company Identifications

Product Name: ORANGE-SOL™ Enhanced

Product Use: Removal of crude oil, tar, grease, permanent marker, solvent base inks, paints and coatings.

Manufacturer: ORANGE-SOL Blending & Packaging, Inc.

1400 N. Fiesta Blvd., Bldg. 100

Gilbert, AZ 85233-1023

For Information & Emergencies: (480) 497-8822 (7 am-5pm, Mon-Fri MST) www.orange-sol.com

Preparation Date: 14 Oct 1991

Revision Date: 15 Feb 2011

MSDS #: 50627-013

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: Combustible mixture.

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.

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 amber color with a citrus, solvent odor.

Specific Gravity: .865, 7.21 lbs/US gallon.

Vapor Density: (Air=1), >1

Vapor Pressure: <0.5 mm of Hg @ 68°F (20°C).

Evaporation Rate: (BuAc=1) 0.06.

pH of Concentrate: None.

Solubility in Water: Emulsifies.

Percent Volatile by Volume: 100%.

Section 10 **Stability & Reactivity**

Stability: Stable.

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 **Ecological Information**

Biodegradability: Biodegradable.

Other: Liquid is not expected to have acute toxicity to aquatic organisms.

Section 13 **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 14
Transportation Information

U.S. Department Of Transportation (DOT)

Shipping Description: Not Regulated

Note: Material is unregulated unless shipped by land in a packaging having a capacity of 3,500 gallons or more. Then provisions of 49 CFR, Part 130 apply.

International Maritime Dangerous Goods (IMDG)

Shipping Description: Not regulated. Flash point is above 61°C.

International Civil Aviation Org. / International Air Transport Assoc. (ICAO/IATA)

UN/ID#: Not Regulated. Flash point is above 61°C.

Section 15
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: Not required.

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: This product complies with all VOC requirements in all 50 states.

Special Instructions: No special requirements.

Section 16
Other Information

Hazard: (Based on HMIS Standard), Health: 1 Flammability: 2 Reactivity: 0

Hazard Index: Minimal: 0, Slight: 1, Moderate: 2, High: 3, Extreme: 4



HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

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.