

# SAFETY DATA SHEET (SDS)

Complies with OSHA's Hazard Communication Standard 2012 and the Global Harmonized Standard (GHS).

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## Section 1 : Identification

**Product Identification:** Orange Solvent

**Item Number(s):** 00133, 00134

Manufactured by:

EPR Industries LLC.  
4576 Crescent Boulevard  
Pennsauken, NJ 08109

Telephone: 1-856-488-1120

**Emergency: Info-Trac 1-800-535-5053**

**Recommended use:** Removal of dental waxes and dental compound from surfaces and clothing.

## Section 2 : Hazard(s)

**Hazard Summary:** Product contains mineral oil and orange oil extract. Very low hazard when used according to label directions.

## Section 3 : Composition / information on Ingredients

Hazardous Ingredient(s)	CAS #	Exposure PEL, TLV, TWA	%
Citrus terpenes	[94266-47-4]	8 hour TWA=30 PPM (AIHA Standard)	< 12

Synonym(s): d-limonene

## Section 4 : First-aid measures

### EMERGENCY FIRST AID PROCEDURES

**SKIN:** Flush area with water for 15 minutes. If irritation persists seek medical attention.

**EYE:** IMMEDIATE EYE WASH with water for 15 MINUTES. Seek immediate medical attention.

**INGESTION:** Drink large quantities of water. Seek immediate medical attention.

**INHALATION:** Remove to fresh air. If discomfort persists seek medical attention.

## Section 5 : Fire-fighting measures

**Slightly flammable.**

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Carbon oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6 : Accidental release measures

**Personal precautions:** Use personal protection per Section 8.

**Environmental precautions:** Keep from contaminating soils and waterways.

**Methods for cleaning up:** Mop up liquid with detergent and dispose.

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## **Potential Acute Health Effects**

Skin: May cause very slight irritation to skin on contact.

Eyes: May cause moderate irritation when contacting eyes.

Ingestion: Gastrointestinal discomfort, nausea, irritation of mouth, nasal passages and throat.

Inhalation: Unlikely to cause health effects.

Chronic Exposure: Not established.

Carcinogenicity: Ingredients not listed as carcinogens.

## **Section 7 : Handling and storage**

**Handling:** Use in well ventilated areas. Avoid contact with eyes. **Advice on protection against fire and explosion:** Product is not flammable. **Storage:** Store in well ventilated areas at ambient temp. Advice on common storage: **Do not store next to strong oxidizers and acids.**

## **Section 8 : Exposure control / personal protection**

**Engineering Measures:** Provide normal room ventilation.

**Personal Precautions:** Use protective clothing as specified below.

**Eye Protection:** Use safety goggles or approved safety glasses.

**Hand Protection:** Use protective gloves and discard after contact with product.

**Skin and body protection:** Pants, long sleeves, clinical jacket.

**Respiratory protection:** Not normally required as long as adequate room ventilation is present.

**Hygiene measures:** Wash hands after using. Emergency eye wash station must be available. Launder contaminated clothing.

## **Section 9 : Physical chemical properties**

Boiling Point : >100 C

Specific Gravity : 0.9535 @ 20C

Vapor Pressure: (mm Hg) ND

Melting Point : N/A

Evaporation Rate : (n-butyl = 1) ND

Vapor Density : (Air = 1) ND

Solubility in Water : not miscible

pH: N/A

Appearance and Odor: Clear, colorless liquid with orange fragrance..

## **Section 10 : Stability and reactivity**

**Materials to avoid:** Avoid contact with strong oxidizing agents, strong acids, halogens, peroxides.

**Hazardous decomposition products:** Product may produce carbon monoxide, carbon dioxide, sulfur and nitrogen oxides under extreme heat.

**Hazardous reactions:** May evolve gases if mixed with strong oxidizing agents and acids.

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## **Section 11 : Toxicological information**

Citrus Terpenes (D-Limonene):

LD<sub>50</sub>, Oral (rat): 4,400 mg/kg / LD<sub>50</sub>, Dermal (rabbit): >2,000 mg/kg.

LD<sub>50</sub>, Dermal (mice): 5,600 to 6,600 mg/kg.

Not listed as a carcinogen by OSHA, IARC, AGCIH, or NTP.

## **Section 12 : Ecological information**

There is no information available at this time for this product.

## **Section 13 : Disposal consideration**

**Waste/Disposal Information:** Observe all Federal, State, and Local Environmental Regulations when disposing of this product. Use and or alterations to this product such as mixing with other materials/chemicals may significantly change the characteristics of the material and alter product hazard classifications and the proper disposal method.

## **Section 14 : Transport information**

Product is not classified as a Hazardous Material.

## **Section 15 : Regulatory information**

None for this product.

## **Section 16 : Other information**

### **HMIS Rating**

Health hazard: 0

Chronic Health Hazard:

Flammability: 1

Physical Hazard 0

### **NFPA Rating**

Health hazard: 0

Fire Hazard: 1

Reactivity Hazard: 0

**Date prepared: February 2015**

**Revision: 1.00A**

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