

Benco Dental™

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):** 3966-354, 3966-336

Manufactured by:

Benco Dental
295 Centerpoint Blvd.
Pittston, PA 18640
1-800-462-36260

Emergency Tel:

CHEMTREC - 24-Hour Hazmat Emergency Communications Center

Domestic: 1-800-424-9300 Outside the U.S.: 1-703-527-3887

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



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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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Section 4 continued--

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



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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):

LD₅₀, Oral (rat): 4,400 mg/kg / LD₅₀, Dermal (rabbit): >2,000 mg/kg.

LD₅₀, 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

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**SAFETY DATA
SHEET (SDS)**

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

Information contained herein is furnished without warranties of any kind. Users should consider these data only as supplements to other information obtained by them and must make independent determinations of completeness and suitability of information from all sources to ensure proper disposal and use of materials for the safety and health of both employees and customers.