



## Safety Data Sheet

### Section 1: Identification

**Product Name:** Caries Indicator – Red (Vista-Red™)

**Product Use:** Glycol-based solution to facilitate the removal of carious dentin.

**Manufacturer:** Inter-Med, Inc. / Vista Dental Products

**Address:** 2200 South St. Suite A, Racine, WI 53404

**Phone:** (877) 418-4782 **Fax:** (262) 636-9760

**24 HR. Emergency Telephone Number CHEMTREC (North America) :** 800-424-9300

**24 HR. Emergency Telephone Number CHEMTREC (International) :** +1 (703) 527-3887

### Section 2: Hazard(s) Identification

OSHA Permissible Exposure Limit:	None
ACGIH Threshold Exposure Limit:	None
Other Exposure Limit Used:	None
Chronic, Other:	None
Acute Overexposure:	Irritation to eyes and skin. Allergic skin reaction possible. May cause nausea, headache, and gastrointestinal disturbances.
Medical Conditions Generally Aggravated by Exposure:	None known
Hygienic Practices:	None
Primary Route(s) of Exposure:	Skin, eye, ingestion.

### Section 3: Composition/Information on Ingredients

Chemical Entity (Components)	CAS No.	OSHA PEL	ACGIH TLV
Propylene Glycol	57-55-6	Not determined	Not determined
Acid Red 52	3520-42-1	Not determined	Not determined



### Section 4: First-Aid Measures

Inhalation:	Exit to fresh air.
Ingestion:	Rinse mouth and seek immediate medical advice.
Skin:	Wash affected area with soap and water.
Eye:	Rinse immediately with plenty of water and seek medical advice.

### Section 5: Fire-Fighting Measures

Extinguishing Media:	Carbon dioxide, foam, dry chemical.
Flash Point:	> +99°C
Flammable Limits:	Not applicable
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

### Section 6: Accidental Release Measures

Spill Management:	Use absorbent to collect the material. Wash contaminated surfaces with soap and water.
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### Section 7: Handling and Storage

Handling:	Use original container.
Storage:	Store in cool, well ventilated area away from incompatible substances.

### Section 8: Exposure Controls/Personal Protection

Respiratory Protection:	None required
Eye Protection:	Safety goggles
Gloves:	Rubber/PVC gloves
Ventilation:	None required
Other Clothing and Equipment:	None



## Section 9: Physical and Chemical Properties

Appearance:	Red liquid
Odor:	Not applicable
Vapor Pressure, mm Hg:	Not applicable
Vapor Density (Air = 1):	Not applicable
Evaporation Rate (ether = 1):	Not applicable
% Volatile by Volume:	Not applicable
Solubility in Water:	Moderately water soluble
Specific Gravity (H <sub>2</sub> O = 1):	1.04
Boiling Point:	188°C

## Section 10: Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Prolonged extreme heat.
Incompatible Materials:	Not determined
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur.

## Section 11: Toxicological Information

Toxicological information: RTECS#: CAS# 57-55-6: TY2000000. LD50/IC50: CAS# 57-55-6: oral, mouse: LD50 = 22 gm/kg; oral, rabbit: LD50 = 18500 mg/kg; oral, rat: LD50 = 20 gm/kg; skin rabbit: LD50 = 20800 mg/kg.

Carcinogenicity: CAS# 57-55-6: not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No data available.

Teratogenicity: Propylene glycol caused high mortality of chick embryos when injected into the air sack on the 4th day of development & unilateral micromelia in about 20 percent of survivors. Chicks fed high levels of propylene glycol developed a high incident of toe.

RTECS#: BP6750000, CAS#3520-42-1, acute toxicity: orl-mus LD50:10300 mg/kg, skin corrosion/irritation: no data available, serious eye damage/irritation: no data available, respiratory or skin sensitization: no data available, germ cell mutagenicity: cyt-ham-fbr 13100 mg/L, carcinogenicity: no data available.

Carcinogenicity: CAS# 3520-42-1: not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

## Section 12: Ecological Information

Waste may be considered as inert material.



### Section 13: Disposal Considerations

Dispose of safely in accordance with local, state, and federal regulations.

To minimize exposure, refer to section 8 (exposure controls/personal protection).

### Section 14: Transport Information

Transport Information: US DOT, IATA, RID/ADR, IMO, CANADA TDG: No information available.

Stable under normal conditions of use, transportation, and storage.

### Section 15: Regulatory Information

#### **TSCA**

CAS# 57-55-6 is listed on the TSCA inventory.

CAS# 3520-42-1 is listed on the TSCA inventory.

#### **Health & Safety Reporting List**

None of the chemicals are on the Health & Safety Reporting List.

#### **Chemical Test Rules**

None of the chemicals in this product are under a Chemical Test Rule.

#### **Section 12b**

None of the chemicals are listed under TSCA Section 12b.

#### **TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

#### **CERCLA Hazardous Substances and corresponding RQs**

None of the chemicals in this material have an RQ.

#### **SARA Section 302 Extremely Hazardous Substances**

None of the chemicals in this product have a TPQ.

#### **Section 313** No chemicals are reportable under Section 313.

#### **Clean Air Act:**

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

#### **Clean Water Act:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

#### **OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

#### **STATE**

CAS# 57-55-6 can be found on the following state right to know lists: Pennsylvania, Minnesota.



CAS# 3520-42-1 can be found on the following state right to know lists: New Jersey.

**California Prop 65**

California No Significant Risk Level: None of the chemicals in this product are listed.

**European/International Regulations**

**European Labeling in Accordance with EC Directives**

**Hazard Symbols:**

Not available.

**Risk Phrases:**

**Safety Phrases:**

S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

CAS# 57-55-6: 0

**Canada - DSL/NDSL**

CAS# 57-55-6 is listed on Canada's DSL List.

**Canada - WHMIS**

This product has a WHMIS classification of Not controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian Ingredient Disclosure List**

CAS# 57-55-6 is listed on the Canadian Ingredient Disclosure List.

## Section 16: Other Information

The data and information given in this material safety data sheet are accurate to the best of our knowledge on the date of preparation. It does not indicate any warranty or representation.

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**Prepared:** 10/17/2007    **Revised:** 9/05/2014