



Safety Data Sheet

Section 1: Identification

Product Name: In office Whitening Desensitizer

Product Use: Teeth desensitization

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

Classification

Serious Eye Damage/Eye Irritation	Category 1
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GHS Label elements, including precautionary statements

Emergency Overview

Danger



- Causes serious eye irritation

Appearance: Pale Blue

Physical State: liquid

Odor: Mint

Precautionary Statements

Prevention

- Wear eye/face protection.

General Advice

- None

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

Storage

- None

Disposal

- None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Prolonged or repeated skin contact may cause severe irritation.

17.2% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %	Trade secret
Glycerin	56-81-5	20-30	*

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

Section 4: First-Aid Measures

Description of necessary first-aid measures

General Advice: If symptoms persist, call a physician.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Keep eye wide open while rinsing. Get medical attention immediately if irritation persists.

Skin Contact: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation: Not an expected route of exposure. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center immediately.

Ingestion: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Protection of First-aiders: Use personal protective equipment.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects: Serious eye irritation or damage.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: Treat symptomatically.



Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Explosion Data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

Wear self contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Avoid contact with the skin and the eyes. Wash thoroughly after handling. Refer to Section 8 for personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment:

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for Cleaning Up:

Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage: Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children.

Incompatible Products: Strong reducing agents. Metals.



Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m3 mist	-	-

Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Measures: Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection: If splashes are likely to occur, wear: Safety glasses with side-shields.

Skin and Body Protection: Protective gloves.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Pale blue
Odor	none	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	6.3 – 7.3	None known
Melting Point/Range	- 5 °C	None known
Boiling Point/Range	> 100°C	None known
Flash Point	Not Applicable	None known

None known

None known



Evaporation rate	Not Applicable	
Flammability (solid, gas)	No data available	
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Gravity	1.05-1.15 @ 25°C	None known
Water Solubility	Miscible with water	None known
Solubility in other solvents	Insoluble. Insoluble.	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	250k – 1MM cPs	None known
Flammable Properties:	Not flammable	
Explosive Properties:	No data available	
Oxidizing Properties:	No data available	
<u>Other information</u>		
VOC Content (%):	Not applicable.	

Section 10: Stability and Reactivity

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal conditions.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, sparks and open flames.

Incompatible materials

Strong reducing agents. Metals.

Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NO_x).



Section 11: Toxicological Information

Information on likely routes of exposure

Product Information: Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.

Inhalation: Not an expected route of exposure. Inhalation of mist may cause irritation to the respiratory system.

Eye Contact: Not an expected route of exposure. Expected to be severely irritating or corrosive to eyes based on components present in formulation.

Skin Contact: Based on the ingredients present in the formulation, prolonged or repeated skin contact may be irritation, or severely irritating, to the skin.

Ingestion: Not expected to be toxic following ingestion. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerin	= 12600 mg/kg (Rat)	21900 mg/kg (Rat)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms: Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes.

Delayed and immediate effects and also chronic effects from short and long term exposure

Corrosivity: Causes serious eye irritation. Risk of serious damage to eyes.

Sensitization: No information available.

Mutagenic Effects: No information available.

Carcinogenicity: Contains no ingredients above reportable quantities listed as a carcinogen.

Reproductive Toxicity: Not classified due to lack of data.

Developmental Toxicity: Not classified due to lack of data.

STOT - single exposure: None under normal use conditions.

STOT - repeated exposure: None under normal use conditions.

Chronic Toxicity: Avoid repeated exposure. Prolonged exposure may cause chronic effects.

Target Organ Effects: Eyes. Gastrointestinal tract (GI). Mucous membrane.

Aspiration Hazard: No information available.

Numerical measures of toxicity - Product

Acute Toxicity 17.2% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral >5000 mg/kg; Acute toxicity estimate

LD50 Dermal >5000 mg/kg; Acute toxicity estimate



Section 12: Ecological Information

Ecotoxicity: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Glycerin 56-81-5	-	LC50 96 h: 51 - 57 mL/L static (Oncorhynchus mykiss)	-	EC50 24 h: > 500 mg/L (Daphnia magna)

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Chemical Name	Log Pow
Glycerin	-1.76

Other Adverse Effects

No information available.

Section 13: Disposal Considerations

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Do not re-use empty containers.

To minimize exposure during disposal, refer to Section 8.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Section 14: Transport Information

DOT

UN-Number Not Regulated

Proper shipping name

Hazard Class

Packing Group

Description

Emergency Response Guide Number

**TDG**

UN-Number Not Regulated

Proper Shipping Name**Hazard Class****Packing Group****Description****MEX**

UN-Number Not Regulated

Proper Shipping Name**Hazard Class****Packing Group****Description****IATA**

UN-Number Not Regulated

Proper Shipping Name**Hazard Class****Packing Group****ERG Code****Description****IMDG/IMO**

UN-Number Not Regulated

Proper Shipping Name**Hazard Class****Packing Group**

Section 15: Regulatory Information

International Inventories

TSCA	Complies
DSL	Substances comply or are exempt
ENCS	Substances comply or are exempt
IECSC	Substances comply or are exempt
KECL	Substances comply or are exempt
PICCS	Substances comply or are exempt
AICS	Substances comply or are exempt

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances



PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This material does not contain any substances regulated as pollutants pursuant to the clean Water Act (40 CFR122.21 and 40 CFR 122.42)

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric Acid	-	-	RQ Section number 180.950

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

NFPA Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards –

HMIS Health Hazard 1 Flammability 0 Physical Hazard 0 Personal Protection X



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.

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Inter-Med Inc. / Vista Dental Products be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Inter-Med Inc. / Vista Dental Products has been advised of the possibility of such damages.

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