

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077147804

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

077147770 077147788 077147796 077147812 077147903 077147911 077147929 077147937 077147945 077147994



## Safety Data Sheet

### Section 1: Identification

**Product Name:** Fluorescent Take-Home Whitening (10% or 16% or 22%)

**Product Use:** Teeth whitening gel

**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

#### 2.1. GHS Classification:

Health	Environmental	Physical
Harmful if swallowed – Category 4 – H302 Causes mild skin irritation – Category 3 – H316 Causes eye irritation – Category 2B – H320 May cause respiratory irritation – Category 3 – H335	Not Applicable	Not Applicable

#### 2.2. GHS Label:

OSHA HCS 2012



**WARNING**



<i>Hazard Statements</i>	<i>Precautionary Statements</i>
H302: Harmful if swallowed. H316: Causes mild skin irritation. H320: Causes eye irritation. H335: May cause respiratory irritation.	P264: Wash skin thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention.

Refer to Section 15.2 for full text of EU Classifications and R/S Phrases.

### Section 3: Composition/Information on Ingredients

Chemical Components	CAS #	EINECS	Weight %
Carbamide Peroxide	000124-43-6	204-701-4	10-22%
Sodium Fluoride	007681-49-4	231-667-8	0.25%

### Section 4: First-Aid Measures

#### 4.1. Description of first aid measures

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid, if irritation persists.

**Skin Contact:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if redness or irritation persists for more than 30 minutes.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting unless medical advice is given from a professional. Get medical attention immediately and drink at least 12 oz. of water.



#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Irritation or burning sensation may be experienced to skins, eyes, and mucosal tissue. Redness or white patches may become evident.

#### 4.3. Indication of immediate medical attention and special treatment needed

Consult a physician or contact Poison Control Center if chemical solution is ingested in large amounts. Physicians are required to treat victim symptomatically.

### Section 5: Fire-Fighting Measures

#### 5.1. Suitable Extinguishing Media:

Use water spray or Class A extinguisher.

#### 5.2. Fire Fighting Procedures:

Evacuate all personnel. Do not flush waste down sewers or other drainage systems. Exposed firefighters must wear NIOSH-approved positive pressure, self-contained breathing apparatus with full-face mask and full protective clothing.

#### 5.3. Unusual Fire and Explosion Hazards:

Explosion risk when combined with metals, some acids, and organic material.

#### 5.4. Combustion Products:

Carbon monoxide, carbon dioxide, nitrogen oxides, and oxygen.

### Section 6: Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment, and Emergency Procedures

Wear proper personal protective equipment as indicated in Section 8. Follow instructions listed in Section 6.3 to follow clean up procedures.



## 6.2. Environmental Precautions

Follow all government regulations for waste disposal. Prevent release to the environment if possible. Do not flush waste into sewer or drains that may lead to waterways.

## 6.3. Methods and Materials for Containment and Cleaning Up

**Small Spills:** Wipe up excess with wet cloth. Use wet cloth or mop to remove residual material.

**Large Spills:** Keep material moist using a water spray. Create a perimeter – do not let material enter drains or sewage systems. Contact local officials for collect and removal of material.

# Section 7: Handling and Storage

## 7.1. Handling

For intraoral use only by trained and experienced dental professionals. Take-home whitening can be used by patients given a dental professional's approval. Follow good hygiene practices. Do not smoke, eat or drink while using. Use suitable protective equipment when handling. Wash thoroughly after handling and avoid any chemical contact with eyes, skin, and clothing. Keep syringes tightly closed to avoid inhalation or accidental ingestion. Use with adequate ventilation.

## 7.2. Storage

Keep refrigerated and do not store above 40°F (5°C) for extended periods. Do not freeze. Shelf life is thirty months from date of manufacture, provided that it is stored properly.

# Section 8: Exposure Controls/Personal Protection

## 8.1. Exposure Limits / Engineering Controls

Chemical Components	ACGIH – TLV*	NIOSH – REL*	OSHA – Final PELs*
Carbamide Peroxide	None listed	None listed	None listed
Sodium Fluoride	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>

\* **TLV – Threshold Limit Value** (should not be exceeded at any time) / **REL – Recommended Exposure Limit** (should not be exceeded at any time) / **PEL – Permissible Exposure Limit** (averaged over an 8-hour workshift)

**Engineering Controls:** Ensure proper ventilation in the working area.



## 8.2. Personal Protective Equipment (PPE) Information

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** S36/37: Wear suitable protective clothing and gloves.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respiratory:** S38: In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 9: Physical and Chemical Properties

### 9.1. Appearance / Color

**Physical State:** Gel

**Appearance:** Colorless

**Odor:** Citrus Fruit or Mint

**Odor Threshold:** Not determined

### 9.2. Important health, safety and environmental information

**Flashpoint:** Not applicable

**Autoignition Temperature:** Not applicable

**Boiling Point:** Not determined

**Melting Point:** Not determined

**Freezing Point:** Not determined

**Vapor Pressure:** Not determined

**Relative Density:** Not determined

**Vapor Density (Air=1):** Not determined

**Solubility in Water:** Soluble

**Decomposition Temperature:** Not determined

**Pour Point:** Not applicable

**Lower Flammability Limit:** Not applicable

**Upper Flammability Limit:** Not applicable

**Specific Gravity:** Not determined

**Evaporation Rate (Water=1):** Not applicable

**Viscosity:** Not determined



**Octanol/Water Partition Coefficient:** Not determined

**6.05**

**Molecular Weight:** Mixture

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under recommended storage conditions.

**Hazardous Polymerization:** Not applicable.

**Hazardous Decomposition Products:** Carbon monoxide or carbon dioxide (during combustion).

**Incompatible Materials:** Most metals and strong caustics.

**Conditions to Avoid:** Avoid strong bases. Excess heat, exposure to moist air or water.

## Section 11: Toxicological Information

**11.1. Signs and Symptoms of Overexposure:** Eye and skin irritation on contact.

**Eye Contact:** May cause mild eye irritation.

**Skin Contact:** May cause slight irritation.

**11.2. Additional Toxicity Information**

**Target Organ(s):** Respiratory system, eyes, and skin.

**Chronic Effects:** No information found.

**Acute Toxicity:** Not classified.

**Acute Toxicity Values:** No data available

**Teratogenicity:** No data available.

**Carcinogenicity:** CAS# 124-43-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Reproductive Effects:** No data available.

**Neurotoxicity:** No data available.

**Mutagenicity:** No data available.

**Other Studies:** No data available.





## Section 12: Ecological Information

Not established.

## Section 13: Disposal Considerations

Dispose of in compliance with governmental regulation (EC 1975LO442-20/11/2003).

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

## Section 14: Transport Information

### 14.1. U.S. Department of Transportation (DOT) (N/A = Not applicable)

**Proper Shipping Name:** N/A

**Identification Number:** N/A

**Hazard Class:** N/A

**Packing Group:** N/A

**U.S. DPT Labeling Requirements:** N/A

**IATA Class:** N/A

**IATA Packing Group:** N/A

Not a DOT controlled material (USA). Not regulated. Not dangerous good.

### 14.2. Other Transportation Information

**By SEA (IMDG):** Not regulated

**By GROUND – Canada (TDG):** Not regulated

**By AIR (IATA):** Not regulated





## Section 15: Regulatory Information

### 15.1. U.S. Federal Regulations

#### TSCA

CAS# 124-43-6 is listed on the TSCA inventory.

CAS# 7681-49-4 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

CAS# 7681-49-4: 1000 lb final RQ; 454 kg final RQ

#### SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

#### SARA Codes:

CAS# 7681-49-4: immediate, delayed.

#### 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:

CAS# 7681-49-4 is listed as a Hazardous Substance 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# 124-43-6 can be found on the following state right to know lists: New Jersey.

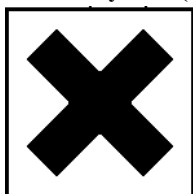
CAS# 7681-49-4 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, (listed as Fluorides, inorganic), Minnesota, (listed as Fluorides), Massachusetts.

**California Prop 65**

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

**15.2. European/International Regulations****European Labeling in Accordance with EC Directives**

**Hazard Symbol(s) and Classification:** "Xi" – Irritant

**EU Risk (R) and Safety (S) Phrases:**

R18: In use, may form flammable/explosive vapour-air mixture

R22: Harmful if swallowed.

R25: Toxic if swallowed.

R36/37/38: Irritating to eyes, respiratory system, and skin.

S17: Keep away from combustible materials.

S25: Avoid contact with eyes.

245: In case of accident or if you feel unwell, seek medical advice immediately.

**WGK (Water Danger/Protection)**

CAS# 124-43-6: 1

**Canada - DSL/NDSL**

CAS# 124-43-6 is listed on Canada's NDSL List.

**Canada Ingredient Disclosure List:**

CAS# 124-43-6 is not listed on Canada's Ingredient Disclosure List.

**Canada - WHMIS**

Class C: Oxidizing material

**Section 16: Other Information**

**National Fire Protection Association (NFPA) Ratings (estimated):** This information is intended solely for the use of individuals trained in the NFPA system.

**Health: 2****Flammability: 0****Reactivity: 0**

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