



# Safety Data Sheet according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

## 1 Identification

- **Other means of identification**
- **Trade name:** *Opalescence Go™ 10% (Mint and Melon)*
- **Article number:** *SDS 481-001.02R01, 1005956, 1005957*
- **Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture** *Professional Dental Bleaching Gel*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Ultradent Products, Inc.  
505 W. Ultradent Drive (10200 S)  
South Jordan, UT 84095-3942  
USA  
onlineordersupport@ultradent.com*
- 
- Ultradent Australia Pty Ltd.  
Level 22/2 Market Street  
Sydney NSW 2000  
Australia  
Email: info.anz@ultradent.com  
Toll Free: 1-800-290929*
- **Further information obtainable from:** *Customer Service*
- **Emergency telephone number:**  
*CHEMTREC (NORTH AMERICA) : (800) 424-9300  
(INTERNATIONAL) : +(703) 527-3887*

## 2 Hazard(s) Identification

- **Classification of the substance or mixture**  
*The product is not classified, according to the Globally Harmonised System (GHS).*
- **Label elements**
- **GHS label elements** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*

## 3 Composition and Information on Ingredients

- **Chemical characterisation:** *Mixtures*
- **Description:** *Mixture of substances listed below with nonhazardous additions.*

· **Dangerous components:**

56-81-5	Glycerin ⚠ Eye damage/irritation – Category 2A, H319	>30-<50%
7722-84-1	Hydrogen Peroxide ⚠ Oxidising liquids - Category 1, H271; ⚠ Skin corrosion/irritation – Category 1A, H314; ⚠ Acute toxicity - oral – Category 4, H302; Acute toxicity - inhalation – Category 4, H332	10%

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

**Trade name: Opalescence Go™ 10% (Mint and Melon)**

(Contd. of page 1)

1310-58-3	Potassium Hydroxide	>1-<5%
	☠ Skin corrosion/irritation – Category 1A, H314; ☠ Acute toxicity - oral – Category 4, H302	
	Artificial Watermelon	>1-<5%
	🔥 Flammable liquids – Category 3, H226	
7758-11-4	Dipotassium Phosphate	>1-<5%
	☠ Acute toxicity - inhalation – Category 3, H331	

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First Aid Measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling:**  
See product labeling.  
No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.

(Contd. on page 3)

AU

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

**Trade name: Opalescence Go™ 10% (Mint and Melon)**

(Contd. of page 2)

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls and personal protection

- **Appropriate engineering controls** No further data; see section 7.

- **Ingredients with limit values that require monitoring at the workplace:**

#### 56-81-5 Glycerin

TWA Short-term value: 10 mg/m<sup>3</sup>

WES Long-term value: 10 mg/m<sup>3</sup>  
inhalable dust

#### 7722-84-1 Hydrogen Peroxide

WES Long-term value: 1.4 mg/m<sup>3</sup>, 1 ppm

#### 1310-58-3 Potassium Hydroxide

WES Peak limitation: 2 mg/m<sup>3</sup>

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

- **Respiratory protection:** Not required.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling

- **Body protection:** Protective work clothing

### 9 Physical and Chemical Properties

- **General Information**

- **Appearance:**

- **Form:**

Gel

- **Colour:**

White Opaque

- **Odour:**

Mint

- **Odour threshold:**

Not determined.

- **pH-value at 20 °C:**

5-7

- **Change in condition**

- **Melting point/freezing point:**

Undetermined.

- **Initial boiling point and boiling range:** Undetermined.

- **Flash point:**

Not applicable.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

Trade name: Opalescence Go™ 10% (Mint and Melon)

(Contd. of page 3)

- **Flammability** Not applicable.
- **Decomposition temperature:** Not determined.
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 1.25 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Partly miscible.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
- **Dynamic:** Not determined.
- **Kinematic:** Not determined.

- **Other information**
- **Particle characteristics** Not applicable.
- **Physical state** Fluid

### 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Oral	LD50	3,082 mg/kg
Inhalative	LC50/4 h	>39.7 mg/l

##### 56-81-5 Glycerin

Oral	LD50	7,750 mg/kg (guinea pig)
		4,100 mg/kg (mouse)
		5,570 mg/kg (rat)
		27,000 mg/kg (rabbit)
	LC50 Fish	>5,000 mg/l (Fish)
Dermal	LD50	>21,900 mg/kg (rat)
		10,000 mg/kg (rabbit)

(Contd. on page 5)

AU

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

**Trade name: Opalescence Go™ 10% (Mint and Melon)**

(Contd. of page 4)

### 7722-84-1 Hydrogen Peroxide

Oral	LC50 Fish	16.4 mg/l (Fish)
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### 1310-58-3 Potassium Hydroxide

Oral	LD50	214 mg/kg (rat)
	LC50 Fish	80 mg/l (Fish)

### 7758-11-4 Dipotassium Phosphate

Oral	LD50	4,260-5,700 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>0.83 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

## 12 Ecological Information

### · Toxicity

#### · Aquatic toxicity:

### 56-81-5 Glycerin

EC50	>10,000 mg/kg (Bacteria)
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### 7722-84-1 Hydrogen Peroxide

EC50	1.38 mg/l (Algae)
	2.4 mg/l (daphnia)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**

Dispose of contents/container in accordance with international, federal, state, and local regulations.

(Contd. on page 6)

## Safety Data Sheet according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

**Trade name: Opalescence Go™ 10% (Mint and Melon)**

(Contd. of page 5)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- **UN-Number**
- **ADG, IMDG, IATA** not regulated
- **UN proper shipping name**
- **ADG, ADN, IMDG, IATA** not regulated
- **Transport hazard class(es)**
- **ADG, ADN, IMDG, IATA**
- **Class** not regulated
- **Packing group**
- **ADG, IMDG, IATA** not regulated
- **Environmental hazards:** Not applicable.
- **Special precautions for user** Not Applicable
- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- **UN "Model Regulation":** not regulated

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **Australian Inventory of Industrial Chemicals**

56-81-5	Glycerin
7732-18-5	Water
7722-84-1	Hydrogen Peroxide
9003-39-8	Polyvinylpyrrolidone
1310-58-3	Potassium Hydroxide
	Trade Secret
7758-11-4	Dipotassium Phosphate
87-99-0	Xylitol
7757-79-1	Potassium Nitrate
	Citric Acid, Anhydrous
8006-90-4	Oils, Peppermint
7681-49-4	Sodium Fluoride
56038-13-2	Sucralose
6381-92-6	Edetate Disodium
68585-47-7	Sodium Lauryl Sulfate

(Contd. on page 7)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 13.02.2025

Revision: 13.02.2025

**Trade name: Opalescence Go™ 10% (Mint and Melon)**

(Contd. of page 6)

79-10-7	acrylic acid
110-82-7	cyclohexane

· **Standard for the Uniform Scheduling of Medicines and Poisons**

7722-84-1	Hydrogen Peroxide	S5, S6, S10
1310-58-3	Potassium Hydroxide	S5, S6, S10

· **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Chemical safety assessment:** A chemical safety assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases from Section 3**

H226 Flammable liquid and vapour.

H271 May cause fire or explosion; strong oxidizer.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

· **Department issuing SDS:** Environmental, Health, and Safety

· **Contact:** Customer Service

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

Flammable liquids – Category 3: Flammable liquids – Category 3

Oxidising liquids - Category 1: Oxidizing liquids – Category 1

Acute toxicity - oral – Category 4: Acute toxicity – Category 4

Acute toxicity - inhalation – Category 3: Acute toxicity – Category 3

Skin corrosion/irritation – Category 1A: Skin corrosion/irritation – Category 1A

Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A

· **\* Data compared to the previous version altered.**