

Safety Data Sheet according to WHS Regulations

Printing date 15.04.2024

Revision: 15.04.2024

1 Identification

- **Product identifier**
- **Trade name:** Opalescence Go™ 10% (Mint and Melon)
- **Article number:** SDS 481-001.01, 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 | >30-<50% |
| | ⚠ Serious eye damage/irritation – Category 2A, H319 | |
| 7722-84-1 | Hydrogen Peroxide | 10% |
| | ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332 | |

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| | | |
|-----------|--|--------|
| | Potassium Hydroxide | >1-<5% |
| | ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302 | |
| | Artificial Watermelon | >1-<5% |
| | ⚠ Flam. Liq. 3, H226 | |
| | Dipotassium Phosphate | >1-<5% |
| | ⚠ Acute Tox. 3, H331 | |
| 7681-49-4 | Sodium Fluoride | <1% |
| | ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; ⚠ Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319 | |

· **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.

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- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **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

- **Additional information about design of technical facilities:** No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

56-81-5 Glycerin

TWA Short-term value: 10 mg/m³WES Long-term value: 10 mg/m³
inhalable dust

7722-84-1 Hydrogen Peroxide

WES Long-term value: 1.4 mg/m³, 1 ppm

Potassium Hydroxide

WES Peak limitation: 2 mg/m³

- **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.

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- **Initial boiling point and boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gas):** Not applicable.
- **Decomposition temperature:** Not determined.
- **Auto-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/cm³
- **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** No further relevant information available.

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) |

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7722-84-1 Hydrogen Peroxide

| | | |
|------|-----------|------------------|
| Oral | LC50 Fish | 16.4 mg/l (Fish) |
|------|-----------|------------------|

Potassium Hydroxide

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

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) |

7681-49-4 Sodium Fluoride

| | | |
|--------|--------------------|------------------|
| Oral | LD50 | 52 mg/kg (mouse) |
| | LC50 Fish (static) | 17 mg/l (Fish) |
| Dermal | LD50 | 175 mg/kg (rat) |

- **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) |
|------|--------------------------|

7722-84-1 Hydrogen Peroxide

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

7681-49-4 Sodium Fluoride

| | |
|-------------------------|--------------------|
| EC50 | 272 mg/kg (Algae) |
| | 98 mg/kg (daphnia) |
| Algae Toxicity (static) | 7 mg/l (Algae) |

- **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.

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· **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.
- **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, 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 |
| Potassium Hydroxide |
| Trade Secret |
| Dipotassium Phosphate |
| 87-99-0 Xylitol |

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| | |
|------------|------------------------|
| 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 |
| 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 |
| | 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.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

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

Flam. Liq. 3: Flammable liquids – Category 3

Ox. Liq. 1: Oxidizing liquids – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

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*Acute Tox. 3: Acute toxicity – Category 3**Skin Corr. 1A: Skin corrosion/irritation – Category 1A**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A**. * Data compared to the previous version altered.*

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