SAFETY DATA SHEET

Procter & Gamble Australia Pty Ltd

Issuing Date 25-Nov-2022 **Revision Date:** 25-Nov-2022 **Revision Number** 1

According to Work, Health and Safety Regulations (WHS) and Australian Dangerous Goods Code (ADG) regulations

Section 1: Identification

Product identifier

Product Name Oral-B PRO-HEALTH Whitening
Product Code(s) 90955115_RET_AUSREV7

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Relevant Identified Uses SDS are intended for use in the workplace. For domestic-use products, refer to consumer labels

Uses advised against

Product category Toothpaste

Illicit Drug Precursors/Reagents This product contains one or more substance(s) on the Illicit Drug Precursors/Reagents list. Verify requirements related to using, handling, and storing these substances.

Details of manufacturer or importer

Supplier
Procter & Gamble Australia Pty Ltd
Level 4, 1 Innovation Rd
Macquarie Park, NSW 2113
Australia
Tel: +61-2-8864-5000
Fax: +61-2-8864-5570
Ambi Pur - 1800 201 418
Fairy - 1800 230 951
Gillette/Braun - 1800 641 820
Oral B – 1800 614 820
Other - 1800 028 280

For further information, please contact

E-mail address pgsds.im@pg.com

Emergency telephone number

Emergency telephone number Contact CHEMTREC:
International toll-free 001-800-424-9300
U.S. toll-free 011-703-527-3887
Australia (Sydney) +(61)-290372994
CHEMTREC New Zealand (Auckland), +(64)-98010034

Section 2: Hazard(s) identification

Classification and procedure used to derive the classification for mixtures according to National Guide on Classifying Hazardous

Chemicals (July 2020) (UN GHS 7th revised edition)

GHS Classification

Serious eye damage/eye irritation	Category 2

Label elements

Exclamation mark

Signal word

WARNING

Hazard statements

Causes serious eye irritation

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Other hazards which do not result in classification

No information available.

Section 3: Composition and information on ingredients

Chemical name	CAS No	Weight-%
Sodium Lauryl Sulfate	68585-47-7	1 - 5
Sodium Lauryl Sulfate	85586-07-8	1 - 5
Stannous Fluoride	7783-47-3	< 1
Sodium Hydroxide	1310-73-2	< 1
Stannous Chloride	7772-99-8	< 1
Isomenthone	491-07-6	< 1
Eucalyptol	470-82-6	< 1
Anethole	4180-23-8	< 1
Non-hazardous ingredients	Proprietary	Balance

Section 4: First aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin contact Wash skin with soap and water.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms May cause redness and tearing of the eyes. Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Firefighting measures

Suitable Extinguishing Media

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

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical

Specific hazards arising from the chemical No information available.

Special protective actions for fire-fighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	Australia	New Zealand	ACGIH TLV
Stannous Fluoride	TWA: 2 mg/m³ TWA: 2.5 mg/m³	TWA: 2 mg/m³ TWA: 2.5 mg/m³	TWA: 2 mg/m³ Sn inhalable particulate matter excluding tin hydride and indium tin oxide TWA: 2.5 mg/m³ F
Sodium Hydroxide	Peak: 2 mg/m³	Ceiling: 2 mg/m³	Ceiling: 2 mg/m³
Stannous Chloride	TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³ Sn inhalable particulate matter excluding tin hydride and indium tin oxide

Chemical name	European Union	United Kingdom	Germany DFG
Stannous Fluoride	TWA: 2 mg/m³	TWA: 2 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ *
Sodium Hydroxide	-	STEL: 2 mg/m³	-
Stannous Chloride	TWA: 2 mg/m³	TWA: 2 mg/m³ STEL: 4 mg/m³	-

Biological occupational exposure limits

Chemical name	Australia	ACGIH	European Union
Stannous Fluoride	-	2 mg/L - urine (Fluoride) - prior to shift 3 mg/L - urine (Fluoride) - end of shift	-

Appropriate engineering controls

Engineering controls 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 Wear suitable protective clothing.

Hand protection Wear suitable gloves.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

Thermal hazards No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	white Paste
Color	No information available
Odor	Mint-like.
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	6.1 - 7.4	
Melting point / freezing point	No data available	Not available. This property is not relevant for the safety and classification of this product
Initial boiling point and boiling range	No data available	Not available. This property is not relevant for the safety and classification of this product
Flash point		Not available. This property is not relevant for the safety and classification of this product
Evaporation rate	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Flammability	Testing not required	Not available. This property is not relevant for the safety and classification of this product
Flammability Limit in Air		Not available. This property is not relevant for the safety and classification of this product
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Relative vapor density	No data available	Not available. This property is not relevant for the safety and classification of this product
Relative density		Not available. This property is not relevant for the safety and classification of this product
Water solubility	No data available	Not available. This property is not relevant for the safety and classification of this product
Solubility(ies)	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Partition coefficient	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No information available	Not available. This property is not relevant for the safety and classification of this product
Kinematic viscosity	No information available	Not available. This property is not relevant for the safety and classification of this product
Dynamic viscosity	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Explosive properties	No information available	
Oxidizing properties	No information available	

Other information

Softening point	No information available
VOC content	No information available
Liquid Density	No information available
Bulk density	No information available
Particle characteristics	Not available. This property is not relevant for the safety and classification of this product

Section 10: Stability and reactivity

Reactivity

Reactivity No dangerous reactions known.

Chemical stability

Stability Stable under normal conditions.

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid None known based on information supplied.

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 28,115.10 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Lauryl Sulfate	> 2000 mg/kg (Rat)	-	-
Sodium Lauryl Sulfate	> 500 - < 2000 mg/kg bw	> 2000 mg/kg bw (OECD 402)	-

Stannous Fluoride	148.5 mg/kg bw	> 2000 mg/kg (OECD 402)	-
Sodium Hydroxide	&&	&&	&&
Stannous Chloride	1910.1 mg/kg bw (OECD 423)	-	2 mg/L air (OECD 436)
Eucalyptol	4500 mg/kg (rat)	5001 mg/kg (rat)	-
Anethole	3070 mg/kg (rat)	> 4900 mg/kg bw (//EC 440/2008 B.3)	> 5.1 mg/L (OECD 403)

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
Stannous Fluoride	-	-	Group 3

Legend

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

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.

Section 12: Ecological information

Ecotoxicity
Aquatic ecotoxicity

Unknown aquatic toxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Acute toxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Lauryl Sulfate	20 mg/L (EU Method C.3; Desmodesmus subspicatus; 72 h)	3.6 mg/L (OECD 203; Oncorhynchus mykiss; 96 h)	EC50: 135 mg/L (OECD 209; activated sludge; 3 h)	4.7 mg/L (Daphnia magna; 48 h)
Stannous Fluoride	-	51 mg/L (Oncorhynchus mykiss; 96 h)	EC50: 114.91 mg/L (OECD 209; activated sludge; 3 h)	97 - 270 mg/L (Daphnia magna; 48 h)

Sodium Hydroxide	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	40.4 mg/L (Ceriodaphnia sp.; 48 h)
Stannous Chloride	50 mg/L (Scendesmus quadricauda; 48 h)	9 mg/L (Tapes decussata; 96 h)	0.002 mg/L (ISO 10712; Pseudomonas putida; 16 h)	22 mg/L (Daphnia magna; 48 h)
Eucalyptol	> 74 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	57 mg/L (OECD 203; Oncorhynchus mykiss; 96 h)	> 100 mg/L (OECD 209; activated sludge of a predominantly domestic sewage; 3 h)	> 100 mg/L (OECD 202; Daphnia magna; 48 h)
Anethole	9.571 mg/L (Pseudokirchneriella subcapitata; 96 h)	7 mg/L (EU Method C.1; Danio rerio; 96 h)	97.2 mg/L (OECD 209; activated sludge; 3 h)	6.82 mg/L (Daphnia magna; 48 h)

Chronic Toxicity

Chemical name	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*
Sodium Lauryl Sulfate	0.6 mg/L (EU Method C.3; Desmodesmus subspicatus; 3 d)	1.357 mg/L (Pimephales promelas; 42 d)	-	1.4 mg/L (OECD 202; Daphnia magna; 21 d)
Stannous Fluoride	≥ 50 - ≤ 200 mg/L (Amphidnium carteri; 21 d)	0.3 mg/L (OECD 215; Oncorhynchus mykiss; 28 d)	16.52 mg/L (OECD 209; activated sludge; 0.125 d)	4.8 mg/L (OECD 211; Daphnia magna; 21 d)
Stannous Chloride	0.053 mg/L (Scendesmus quadricauda; 8 d)	4.7 mg/L (OECD 212; Zebrafish; 5 d)	-	0.18 mg/L (OECD 211; Daphnia magna; 21 d)
Eucalyptol	37 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)	32 mg/L (OECD 203; Oncorhynchus mykiss; 4 d)	-	100 mg/L (OECD 202; Daphnia magna; 2 d)
Anethole	-	0.34 - 2.18 mg/L (OECD 210; Danio rerio; 28 d)	-	1.05 mg/L (OECD 211; criteria: reproduction; 21 d)

Terrestrial ecotoxicty There is no data for this product.

Persistence and degradability

Persistence and degradability

Chemical name	CAS No	Persistence and degradability	Ready Biodegradation Test (OECD 301)	Biodegradation Other Tests	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis
Sodium Lauryl Sulfate	85586-07-8	-	90 - 100%O2; OECD 301 D; 28 d	-	-	-
Stannous Chloride	7772-99-8	-	80%; 22 d	-	-	-
Eucalyptol	470-82-6	-	82%CO2; OECD 301 F; 28 d	-	-	-
Anethole	4180-23-8	-	≥ 90.7% - ≤ 91.2%CO2; OECD 301 B; 28 d	-	-	-

Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient	Octanol/water partition coefficient
Sodium Lauryl Sulfate	-	< -2.42 (OECD 107)
Stannous Chloride	-	-2.1506
Isomenthone	3.05	-
Eucalyptol	3.4	3.4 (OECD 117)
Anethole	-	3.388 (EU Method A.8)

Mobility

Mobility

Chemical name	CAS No	log Koc
Sodium Lauryl Sulfate	85586-07-8	> 1337 - < 1567
Stannous Fluoride	7783-47-3	3.28
Stannous Chloride	7772-99-8	1905.46
Eucalyptol	470-82-6	214 (OECD 121)
Anethole	4180-23-8	3.39

Other adverse effects

Other adverse effects No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

See section 8 for more information

Section 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: Regulatory information

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

National regulations

Australia

See section 8 for national exposure control parameters

Australian Industrial Chemicals Introduction Scheme (AICIS)

Chemical name	CAS No	Australian Industrial Chemicals Introduction Scheme (AICIS)
Sodium Lauryl Sulfate	68585-47-7	Present
Sodium Lauryl Sulfate	85586-07-8	Present
Zinc Citrate	546-46-3	Present
Stannous Fluoride	7783-47-3	Present
Sodium Hydroxide	1310-73-2	Present
Stannous Chloride	7772-99-8	Present
Isomenthone	491-07-6	Present
Eucalyptol	470-82-6	Present
Anethole	4180-23-8	Present

Illicit Drug Precursors/Reagents
This product contains one or more substance(s) on the Illicit Drug Precursors/Reagents list. Verify requirements related to using, handling, and storing these substances.

Chemical name	Illicit Drug Precursors/Reagents
Sodium Hydroxide	Category 3
Anethole	Category 1

Legend
Category 1 - Chemicals that require an End User Declaration with each purchase and may only be sold to ‘account customers’ or customers that are prepared to open an account. Supply of these chemicals to End Users or Distributors must be delayed for a period of not less than 24 hours.
Category 3 - Chemicals and apparatus that may be used in the illicit production of drugs. Purchases from this list should alert companies or organizations to seek further indicators of any suspicious orders or enquiries. No official reporting is required for items on this list unless considered warranted.

National pollutant inventory
Subject to reporting requirement

Chemical name	National pollutant inventory
Stannous Fluoride	10 tonne/yr Threshold category 1 400 tonne/yr Threshold category 2a 1 tonne/h Threshold category 2a 2000 tonne/yr Threshold category 2b 60000 MWH Threshold category 2b 20 MW Threshold category 2b

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Complies

The Stockholm Convention on Persistent Organic Pollutants Complies

The Rotterdam Convention Complies

Section 16: Other information

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Revision Note

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet