

Safety Data Sheet
Issue Date: 10 June 2022

PRODUCT NAME: RAPIDPRO DENTAL SOLVENT

A dangerous substance or mixture according to the Globally Harmonised System (GHS).

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product Name	RAPIDPRO DENTAL SOLVENT
1.2 Product Use	Fast evaporating Solvent based degreaser
1.3 Supplier Name	Ultimate Dental
1.4 Address	660A South Road, Moorabbin VIC 3189.
1.5 Telephone No.	03 9532 1799
1.6 Emergency Number	13 11 26 Poisons Hotline 24/7

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2)
Germ cell mutagenicity (Category 2)
Carcinogenicity (Category 1B)
Specific target organ toxicity - single exposure (Category 3), Central nervous system

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word **Danger**

Hazard statement(s)

H303	Maybe harmful if swallowed.
H320	Causes eye irritation.
H402	Harmful to aquatic life
H313	May be harmful In contact with skin
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H350	May cause cancer.

Precautionary statement(s)

Prevention

P201	Obtain special instructions before use.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P280 Wear eye protection/ face protection.
P280	Wear protective gloves.
P281	Use personal protective equipment as required.

Response

P304 + P340 + P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P308 + P313	IF exposed or concerned: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage

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P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal
P501 Dispose of contents/ container to an approved waste disposal plant.

Restricted to professional users.

2.3 Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Information on Composition Ingredients

Synonyms: TCE, Trichloroethene
Formula: C_2HCl_3
Molecular weight: 131.39 g/mol
CAS-No.: 79-01-6
EC-No.: 201-167-4
Index-No.: 602-027-00-9

Component	Classification	Concentration
Trichloroethylene	2; Muta. 2; Carc. 1B; STOT SE 3; H315, H319, H336, H341, H350	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled:

Remove promptly to fresh air. If respiratory irritation, dizziness, nausea unconsciousness occurs, seek immediate medical attention. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops

In case of skin contact:

Wash off with soap and plenty of water. Seek medical attention if irritation persists.

In case of eye contact:

Flush eye with water for a minimum of 15 minutes, keep moving the eyes to ensure complete flushing. Seek Medical attention promptly if irritation persists or loss of vision occurs.

If swallowed:

Never give anything by mouth to an unconscious person. Rinse mouth with water and if conscious, dilute stomach contents by giving large amounts of Water. Seek medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. Resuscitate if the subject has stopped breathing. For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIRE FIGHTING MEASURES

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5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Burning can produce carbon monoxide and/or carbon dioxide, hydrogen chloride gas

5.3 Advice for firefighters

Use water to cool exposed containers. If safe to do so, remove containers from path of fire. For major fires or where atmosphere is Oxygen deficient or contains unacceptable levels of combustion products, firefighters must wear self-contained breathing apparatus with full-face mask and protective clothing. Prevent spillage from entering drains or water courses

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapours, mist or gas. For personal protection see section 8.

6.2 Environmental precautions:

Do not let product enter drains.

6.3 Methods materials for containment and cleaning up:

Contain and recover product when possible. Collect product in an appropriate container and place in a chemical waste container. Collected empty containers can be disposed of through local council waste removal services.

6.4 Reference to other sections:

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Protect against physical damage. Make certain the containers are well sealed when not in use.

7.2 Conditions for safe storage, including incompatibilities:

Store in a cool, dry well ventilated location. Keep containers closed at all times. Not to be stored with explosives, flammable gases in bulk, poisonous gasses, spontaneously combustible Substances, oxidizing agents, organic peroxides or radioactive substances.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.2 no other specific.

7.4 Reference to other sections:

Not Applicable.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Control parameters:

8.2 National Exposure Standards

Component	CAS-No.	Value	Control parameters	Basis
Trichloroethylene	79-01-6	TWA	10 ppm 54 mg/m ³	Australia. Workplace Exposure Standards for Airborne Contaminants.
	Remarks	Category 1B (Carc. 1B) Presumed to have carcinogenic potential for humans Skin absorption		
		STEL	40 ppm 216 mg/m ³	Australia. Workplace Exposure Standards for Airborne Contaminants.

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		Category 1B (Carc. 1B) Presumed to have carcinogenic potential for humans Skin absorption
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8.3 Exposure controls:

Appropriate engineering controls. General industrial hygiene practice.

Respiratory protection:

Where risk assessment shows air-purifying respirators are necessary, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Skin Protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Eye/face protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses with side-shields.

Other protective equipment: None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance	Clear water white low viscosity liquid.
Odour	Sweet Solvent
Boiling Point	87 °C
Solubility in Water	completely soluble
Specific Gravity (H₂O = 1)	1.465 @ 20 °C
Physical State	Liquid.
pH	Not Applicable
Flash Point	Non flammable
Flammability	Non flammable
Flammable Limits LEL	Non flammable
Flammable Limits UEL	Non flammable

10. STABILITY AND REACTIVITY

10.1 Reactivity:

no data available

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

no data available

10.4 Conditions to avoid

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no data available

10.5 Incompatible materials

Strong oxidizing agents, strong bases, magnesium

10.6 Hazardous decomposition products

no data available. In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 4,920 mg/kg

LC50 Inhalation - Mouse - 4 h - 8450 ppm

LD50 Dermal - Rabbit - > 20,000 mg/kg

Skin corrosion/irritation

Skin - Rabbit

Result: Severe skin irritation - 24 h

Inhalation:

no data available no data available.

Ingredients are considered non-hazardous when used as directed

Skin corrosion/irritation

no data available.

May cause skin irritation if prolonged contact with the concentrate occurs, which can result in redness, itchiness, swelling and possibly lead to dermatitis. Continual exposure to dilute solutions will cause loss of natural skin oils, and drying of skin

Serious eye damage/eye irritation

Serious eye damage/eye irritation

Eyes - Rabbit

Result: Eye irritation - 24 h

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification. Possible human carcinogen
IARC: 1 - Group 1: Carcinogenic to humans (Trichloroethylene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

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RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 41 mg/l - 96.0 h

LOEC - other fish - 11 mg/l - 10.0 d

NOEC - Oryzias latipes - 40 mg/l - 10.0 d

Toxicity to daphnia and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 18.00 mg/l - 48 h

Toxicity to algae IC50 - Pseudokirchneriella subcapitata (green algae) - 175.00 mg/l - 96 h

12.2 Persistence and degradability

No Data Available

12.3 Bio accumulative potential

No Data Available

12.4 Mobility in soil

No Data Available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effect

Harmful to aquatic life with long lasting effects.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Collect residue for recovery, recycling or as a waste material. Product must not be disposed of to the sewerage system, drains or waterways.

Contaminated packaging

Dispose of container and unused contents in accordance with federal, state and local requirements.

Empty container and lid can be recycled as per local council waste recycling regulations.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: 1710

IMDG: 1710

IATA-DGR: 1710

14.2 UN proper shipping name

ADR/RID: TRICHLOROETHYLENE

IMDG: TRICHLOROETHYLENE

IATA-DGR: Trichloroethylene

14.3 Transport hazard class(es)

ADR/RID: 6.1 IMDG: 6.1

IATA-DGR: 6.1 HAZCHEM CODE: 2Z

14.4 Packaging group

ADR/RID: III IMDG: III

IATA-DGR: III

14.5 Environmental hazards

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ADR/RID: no IMDG Marine pollutant: no IATA-DGR: no
14.6 Special precautions for user: No data available

15. REGULATORY INFORMATION

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

Standard for the Uniform Scheduling of Medicines and Poisons
Schedule 6

Carcinogen classification under WHS Regulation 2011, Schedule 10

Not listed

Notification status

AICS: On the inventory, or in compliance with the inventory
DSL: All components of this product are on the Canadian DSL.
ENCS: On the inventory, or in compliance with the inventory
NZIoC: On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Skin corrosion/irritation

<i>Carc.</i>	<i>Carcinogenicity</i>
<i>H315</i>	<i>Causes skin irritation.</i>
<i>H319</i>	<i>Causes serious eye irritation.</i>
<i>H336</i>	<i>May cause drowsiness or dizziness. H341 Suspected of causing genetic defects.</i>
<i>H350</i>	<i>May cause cancer.</i>
<i>Muta.</i>	<i>Germ cell mutagenicity</i>
<i>STOT SE</i>	<i>Specific target organ toxicity - single exposure</i>

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point Manager – Ultimate Dental

SDS History SDS Creation: May 06, 2017. Updated : June 10, 2022
... End of SDS...