

Material Safety Data Sheet

Issue Date:- 11th October 2016.PRODUCT NAME: **TATS DENTURE CLEANER**

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product Name	TATS Denture Cleaner
1.2 Product Use	Water based acidic denture cleaner
1.3 Company Name	Ultimate Dental Supplies
1.4 Address	660A South Road, Moorabbin. VIC Australia 3189
1.5 Emergency Tel.	03 9532 1799
1.6 Telephone Number/fax	Tel 03 9532 1799 Fax: 03 9555 9458

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

Corrosive to metals (Category 1)

Skin corrosion/irritation (Category 1)

Serious eye damage/eye irritation (Category 1)

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word **Danger**

Hazard statement(s):

H290

May be corrosive to metals.

H314

Causes severe skin burns and eye damage.

Precautionary statement(s):

Prevention-

P234

Keep only in original container.

P264

Wash skin thoroughly after handling.

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P330 + P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304 + P340 + P310

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P390

Absorb spillage to prevent material damage.

Storage:

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P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plan

2.3 Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Product based on phosphoric acid

Component	Classification	Concentration
Phosphoric acid CAS-No. 7664-38-2	Met. Corr. 1; 1; H290, H314	30 - 50 %
Perfume & dye CAS-No. N/Ap		<0.1%
Water CAS-No. 7732-18-5		70-80%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. Give water to drink or flush nasal passages Investigate possible misuse of material. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

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

5.1 Extinguishing media

Use water fog (or if unavailable, fine water spray), dry chemical, carbon dioxide or foam.

5.2 Special hazards arising from the substance or mixture

Burning can produce carbon monoxide and/or carbon dioxide.

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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:

Avoid inhalation of vapour or mist. For precautions see section 2.2.

7.2 Conditions for safe storage, including incompatibilities:

Store in cool place. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.3 no other specific.

7.4 Reference to other sections:

Not Applicable.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Control parameters:

National Exposure Standards

Component	CAS-No.	Value	Control parameters	Basis
Phosphoric acid	7664-38-2	TWA	1 mg/m ³	Australia. Workplace Exposure Standards

No Exposure Standards have been assigned by the National Occupational Health and Safety Commission for other components of this product at the use levels.

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8.2 Exposure controls:

Appropriate engineering controls. General industrial hygiene practice.

Respiratory protection:

Where Respiratory protection is required, 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.

Protective gloves

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).

Other protective equipment:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance	Clear low viscosity pink liquid
Odour	Spearmint
Boiling Point	105°C
Solubility in Water	completely soluble
Specific Gravity (H ₂ O = 1)	1.112 @ 20 °C
Physical State	Liquid.
pH	1.5 (neat). 2.5 (1% soln)
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 acids, Flammable or combustible materials, powdered metals

10.6 Hazardous decomposition products

Contact with combustible materials may lead to fire.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Inhalation:

no data available

Skin corrosion/irritation

May cause skin irritation prolonged contact with the concentrate, 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

The concentrate is considered a severe eye irritant.

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

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

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

Harmful to aquatic life in diluted form. Not harmful to birdlife

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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

No Data Available

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. Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

Contaminated packaging

Dispose of container and unused contents in accordance with federal, state and local requirements. Empty container can be recycled as per local council waste recycling regulations.

14. TRANSPORT INFORMATION

14.1 UN number:	1805
14.2 UN proper shipping name	Phosphoric acid solution
14.3 Transport hazard class(es):	8
14.4 Packaging group:	II
14.5 Hazchem Code:	2R
14.6 EPG Number	None allocated
14.7 IERG Number	None allocated
14.8 Environmental hazards:	Not Applicable
14.9 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 5

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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.

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Met. Corr. Corrosive to metals

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 Supplies.
Tel 03 9532 1799 Fax: 03 9555 9458

SDS History SDS Creation: October 11, 2016.
... End of SDS...