

Ultimate Dental Supplies

Unit 25, 632-642 Clayton Rd.,
Clayton South VIC 3169.
Tel: 03 9532 1799 / FAX: 03 9555 9458

Material Safety Data Sheet

Issue Date:- June 22, 2013.

PRODUCT NAME: Tatts D-SchtikeniZer

Classified as Hazardous according to criteria of Worksafe Australia

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	D-SchtikeniZer
Product Use	Cleaner
Company Name	Ultimate Dental Supplies
Address	Unit 25, 632-642 Clayton Rd., Clayton South VIC 3169. Emergency
Tel.	03 9532 1799
Fax	03 03 9555 9458

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Cleaning Agent		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	n-Propyl alcohol	71-23-8	100%

3. HAZARDS IDENTIFICATION

Risk Phrases	R11 - Highly flammable. R20/22 - Harmful by inhalation and if swallowed. R36/38 - Irritating to eyes and skin. R66 - Repeated exposure may cause skin dryness and cracking.
Safety Phrases	S7/9 - Keep container tightly closed and in a well ventilated place. S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe vapour. S24/25 - Avoid contact with skin and eyes. S29 - Do not empty into drains. S33 - Take precautionary measures against static discharges. S36/37/39 - Wear suitable protective clothing/gloves and eye/face Protection.

4. FIRST AID MEASURES

Inhalation	Remove promptly to fresh air. If there are signs of drunkenness (intoxication or inebriation) or respiratory irritation, dizziness, nausea or headache occurs, seek immediate medical attention. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops.
Ingestion	If a minor amount has been accidentally swallowed, then, if conscious, rinse mouth with water and then 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. If person vomits place person on their side in recovery position.
Eye	Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
Skin	Wash affected areas with water.
First Aid Facilities	Normal washroom facilities.
Advice to Doctor	Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Extinguishing Media Highly flammable liquid. May form flammable mixtures with air. Burns with a colourless flame. The vapour is heavier than air and may travel along the ground; distant ignition and flash back are possible. Run off to sewers and drains may cause explosions. Isolate for at least 800 metres in all directions if tanks or tankers are involved. The use of compressed air for filling, discharging, mixing or handling is prohibited due to the vapour hazard. All vessels must be earthed to avoid generation of static charges when agitating or transferring solvents. Avoid all ignition sources. Intrinsically safe equipment is necessary in areas where this chemical is being used.

Specific Hazards Burning can produce carbon monoxide and/or carbon dioxide.

Precautions in connection with Fire Firefighters should wear Self-Contained Breathing Apparatus and ull protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

Extinguishing Media Alcohol-resistant foam is the preferred fire fighting medium but, if it is not available, fine water spray can be used. Water fog, fine water spray, dry chemical or carbon dioxide may also be used.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Spills and leaks may be washed away with copious volumes of water, fog or spray. Prevent run-off from entering drains and watercourses.

7. HANDLING AND STORAGE

Handling Use in well ventilated areas away from all ignition sources. Intrinsically safe equipment only must be used in areas where this chemical is being used. The use of compressed air for filling, discharging, mixing or handling is prohibited due to the vapour hazard. Containers must be earthed to avoid generation of static charges when agitating or transferring product..

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

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits TWA - 200 ppm (492 mg/m³)
STEL - 250 ppm (614 mg/m³)
Notices - Sk.

Respiratory Protection None should be needed if engineering, storage and handling controls are adequate to ensure that atmospheric contamination is kept below the National Standard. concentrate.

Eye Protection Safety glasses.

Hand Protection Avoid skin contact by the use of approved chemical resistant gloves and aprons - PVC or Neoprene (AS 2161).

Body Protection N/A.

Eng. Controls N/A.

Other information No Biological Limit Value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear medium viscosity liquid
Odour Mild alcohol odour detectable at 30 - 40 ppm
Vapour Pressure 14.5 mm Hg @ 20 °C
Boiling Point 97.4°C
Solubility in Water completely soluble

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Specific Gravity (H ₂ O = 1)	0.81@ 20 °C
Physical State	Liquid.
pH	Not available
Flash Point	22°C
Flammability	Flammable
Flammable Limits LEL	2.1
Flammable Limits UEL	13.7

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and handling.
Polymerization	
Materials to Avoid	Strong oxidizing agents..

11. TOXICOLOGICAL INFORMATION

Toxicology	LD50/oral/rat: 8038 mg/kg LD50/dermal/rat: 4049 mg/kg LC50/inhalation/rat: >33.8 mg/l/4 h
Information	
Inhalation	Vapours in high concentrations may cause minor irritation of the upper respiratory tract.
Ingestion	Unlikely under normal occupational exposures but swallowing the product may cause nausea, vomiting, diarrhoea, abdominal discomfort, pain and stomach cramp.
Skin	Contact with skin may result in mild irritation
Eye	Liquid and mists may severely irritate or damage the eyes. The vapour is mildly irritating with concentrations above 400 ppm.
Chronic Effects	Prolonged or repeated contact and heavy skin contamination may cause skin drying and cracking and/or dermatitis with redness, itching, and swelling. This may lead to secondary infection. Inhalation of higher concentrations can cause drowsiness, headaches and vomiting. May also produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness. Similar products have been implicated in substance abuse (sniffing).

12. ECOLOGICAL INFORMATION

Eco-toxicity:	Toxicity to fish (acute): LC50/Golden orfe/: > 4000 mg/l/48 h Toxicity to daphnia: EC50/Daphnia magna/: 3642 mg/l./48 h
Persistence and Degradability:	Degree of elimination: >60% Evaluation: biodegradable
Mobility:	No data available

13. DISPOSAL CONSIDERATIONS

Suitable for incineration by approved agent under controlled conditions if permitted by local authorities, otherwise disposal must be in accordance with local waste authority requirements. Product must be contained and not disposed to sewerage systems, drains or waterways. Advise flammable nature. Empty containers must be decontaminated by rinsing with water.

14. TRANSPORT INFORMATION

U.N. Number	1274
Proper Shipping Name	N-propyl Alcohol
DG Class	3
Hazchem Code	●2YE
Packing Group	II

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15. REGULATORY INFORMATION

Safety Phrase

Poisons Schedule

Nil

AICS (Australia)

All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This MSDS 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 MSDS 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

MSDS History

MSDS Creation: June 22,2013

... End of MSDS...