

SAFETY DATA SHEET

TOP DENTAL LEMON HARD SURFACE CLEANER

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1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY

Product name Top Dental Lemon Hard Surface Cleaner

Use of the Preparation An aqueous solution for sanitising hard surfaces.

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2. HAZARDS IDENTIFICATION

This preparation is classified as "Hazardous" according to Directive 1999/45/EC and subsequent amendments.

Hazard Symbol F

Risk Phrases R11 – Highly Flammable

Eye Contact Not expected to present a hazard to the eyes under normal conditions of use but direct contact of the preparation with the eyes would cause mild irritation.

Inhalation Not considered to present an inhalation hazard under normal conditions of use.

Environmental An ingredient in the preparation is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

CAS No: Not applicable, preparation is a mixture

EINECS No: Not applicable, preparation is a mixture

Composition An aqueous solution of a propriety blend of two alcohols and a biocide, which are listed in Annex II of Regulation (EC) 1451/2007 under Product Type 2, plus a fragrance.

Hazardous Ingredients

Ingredient	CAS No	EINECS	%w/w	Symbols	Risks
Propan-2-ol	67-63-0	200-661-9	10 – 20%	F, Xi	11, 36, 67
Ethanol	64-17-5	200-578-6	50 – 60%	F	11
Chlorhexidine digluconate	18472-51-0	242-354-0	<0.5%	Xi, N	41, 50

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact	No irritation expected. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Inhalation	Move exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Alcohol resistant foam, carbon dioxide (CO ₂), dry chemical, sand, water spray.
Fire Hazards	Vapours may travel considerable distance to source of ignition and flash back. Burning produces irritating, toxic and obnoxious fumes.
Protective Equipment	In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate all sources of ignition. Vapours may travel considerable distance to source of ignition and flash back. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear suitable protective equipment.
Environmental Precautions	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spill if safe.
Clean Up Methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling	Keep away from sources of ignition – no smoking. Avoid sparks, flames and heat. Do not eat, drink or smoke in areas where this product is used or stored. Use in a well ventilated area. Wear suitable protective equipment.
Storage	Keep out of the reach of children. Store in a cool, dry area. Keep container tightly closed and in a well-ventilated place. Do not allow to freeze.
Suitable Packaging	Plastic containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m ³ : 1920
	WEL 15 min limit ppm:	WEL 15 min limit mg/m ³ :
Isopropanol	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m ³ : 999
(Propan-2-ol)	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m ³ : 1250

Respiratory Protection	Wear suitable respiratory equipment when necessary.
Hand Protection	Neoprene gloves.
Eye Protection	In case of splashing wear approved safety goggles. Provide an eye wash station.
Protective Equipment	Adopt best manual handling considerations when handling, carrying and dispensing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid
Colour	Clear
Odour	Characteristic
pH	7.0 – 8.0
Flash Point	18.7°C
Flammability	Preparation is highly flammable
Water Solubility	Miscible in water
Relative Density	0.850 – 0.950

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
Conditions to Avoid	Heat, sparks and open flames. Do not allow to freeze.
Materials to Avoid	Strong acids and strong bases. Strong oxidising agents.
Hazardous Decomposition	Burning produces irritating, toxic and obnoxious fumes.
Products	

11. TOXICOLOGICAL INFORMATION

Based on the ingredients present and their concentrations this preparation is, according to the conventional method of Directive 1999/45EC and subsequent amendments, classified as not "Dangerous" according to health criteria although one of the ingredients in this preparation is classified as being irritant to the eyes.

12. ECOLOGICAL INFORMATION

Based on the ingredients present and their concentrations this preparation is, according to the conventional method of Directive 1999/45EC and subsequent amendments, classified as not "Dangerous" to the environment and is readily biodegradable although one ingredient is classified as very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

General Information	Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations.
Disposal Methods	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
Disposal of packaging	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID	UN	1170	Packaging Group	II
	Class	3	Hazard ID	30
	Proper Shipping Name Ethanol Solution			
IMDG	UN	1170	Packaging Group	II
	Class	3	Marine Pollutants	No
	EmS Code	F-E S-D		
IATA	UN	1170	Packaging Group	II
	Class	3	Subsidiary Risk	
	Packaging Instruction (Cargo)		307	Maximum Quantity 60 L
	Packaging Instruction (Passenger)		305	Maximum Quantity 5 L

15. REGULATORY INFORMATION

This preparation is classified as "Hazardous" for labelling purposes

Label for supply



Hazard Symbol	F
Risk phrases	R11 – Highly Flammable.
Safety phrases	S(2) – Keep out of reach of children
	S7 – Keep container tightly closed.
	S16 – Keep away from sources of ignition – No smoking
	S23 – Do not breathe vapour
	S25 – Avoid contact with eyes
	S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S29 – Do not empty into drains.

"Contains amongst other ingredients: Disinfectants, Parfum, Linalool, Limonene"

16. OTHER INFORMATION

This Safety Data Sheet, which takes into consideration the requirements of Regulation (EC) 648/2004 plus subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest state of scientific/ technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee.

Risk phrases in Section 3

R11 – Highly flammable

R36 – Irritating to eyes

R41 – Risk of serious damage to eyes

R50 – Very toxic to aquatic organisms

R67 – Vapours may cause drowsiness and dizziness