




MATERIAL SAFETY DATA SHEET

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HAZARD RATINGS

	HEALTH	0	MINIMAL
	FLAMMABILITY	1	SLIGHT
	REACTIVITY	2	MODERATE
	SPECIAL NOTICE	3	SERIOUS
		4	EXTREME

(ACCORDING TO THE NFPA TABLES)

SECTION I – IDENTIFICATION OF SUBSTANCE

PRODUCT NAME: ETCHANT (GEL)

DESCRIPTION OF PRODUCT: ETCHANT, FOR DENTAL PROFESSIONALS ONLY.

SECTION II – COMPOSITION /DATA ON COMPONENTS

INGREDIENTS	%	CAS.NO.
PHOSPHORIC ACID (85%)	40-45	7664-38-2
WATER DISTILLED	40-45	-----
THICKNER	10-12	112945-52-5
		7631-86-9
PIGMENTS	< 0.2	-----

(NO DANGEROUS COMPONENTS)

SECTION III – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: MATERIAL MAY BE IRRITATING TO EYES AND SKIN. NO SIGNIFICANT HAZARDS FOR EMERGENCY RESPONSES ARE KNOWN.

HAZARD DESCRIPTION	IRRITATING TO THE EYES. MAY CAUSE SENSITIZATION BY SKIN CONTACT
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SECTION IV – FIRST AID MEASURES

SKIN CONTACT	IMMEDIATELY RINSE WITH WATER. IMMEDIATELY REMOVE ANY CLOTHING SOILED BY THE PRODUCT. IF SKIN IRRITATION CONTINUES, SEEK MEDICAL ATTENTION.
EYE CONTACT	FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR SEVERAL MINUTES. THEN, SEEK MEDICAL ATTENTION.
INHALATION	REMOVE PERSON TO FRESH AIR, IF SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION
INGESTION	DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY MEDICAL PERSONNEL. RINSE OUT MOUTH AND THEN DRINK PLANTY OF WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

SECTION V – FIRE FIGHTING MEASURES	
EXTINGUISHING MEDIA	CARBON DIOXIDE, FOAM, POWDER AND WATER SPRAY.
EXTINGUISHING MEDIA TO AVOID:	NONE KNOWN
FLASPOINT METHOD:	NOT APPLICABLE
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE:	FORMATION OF TOXIC GASES IS POSSIBLE DURING HEATING OR IN CASE OF FIRE. WEAR FULL PROTECTIVE CLOTHING, AND BREATHING APPARATUS.
PROTECTION AND PROCEDURES FOR FIREFIGHTERS:	NO SPECIAL MEASURES REQUIRED.

SECTION VI – ACCIDENTAL RELEASE MEASURES	
SPILLS/LEAKS	CLEAN UP DILUTING WITH PLENTY WATER. USE NEUTRALIZING AGENT. ABSORB WITH LIQUID-BINDING MATERIAL (SAND, UNIVERSAL BINDERS, SAWDUST). DISPOSE OF ACCORDING TO LOCAL AND NATIONAL REGULATIONS.

SECTION VII – HANDLING AND STORAGE	
HANDLING PRACTICES AND WARNINGS:	ONLY ADEQUATELY TRAINED PERSONNEL SHOULD HANDLE THIS PRODUCT. THIS PRODUCT IS INTENDED FOR USE IN DENTISTRY ONLY.
STORAGE PRACTICES AND WARNINGS:	STORE ONLY IN THE ORIGINAL PACKAGE. KEEP PACKAGE TIGHTLY SEALED. STORE IN A DRY AREA. STORE AWAY FROM FOOD AND BEVERAGES. PROTECT FROM EXCESSIVE HEAT AND COLD AND DIRECT SUNLIGHT.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION	
EYE /FACE	SAFETY GLASSES (PATIENT).
SKIN	GLOVES.
INHALATION	NOT REQUIRED
BODY PROTECTION	PROTECTIVE WORK CLOTHING.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE:	OPAQUE GEL	ODOR:	ODORLESS
COLOR:	BLUE OR GREEN	SPECIFIC GRAVITY AT 20°C:	1.29 g/cm ³
MELTING POINT:	N/A	VAPOR PRESSURE (mm Hg):	N/A
BOILING POINT:	N/A	SOLUBILITY IN / MISCIBILITY WITH WATER:	SOLUBLE

FLASH POINT:	N/A	pH:	N/A
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SECTION X- STABILITY AND REACTIVITY

STABILITY:	THE PRODUCT IS STABLE UNDER NORMAL HANDLING AND STORAGE CONDITIONS.
INCOMPATIBILITY (MATERIALS TO AVOID):	NONE
HAZARDOUS PRODUCTS PRODUCED DURING DECOMPOSITION:	NONE UNDER NORMAL CONDITIONS OF STORAGE AND USE.
CONDITIONS TO AVOID	KEEP AWAY FROM HEAT AND DIRECT SUNLIGHT.

SECTION XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	LD50 (PHOSPHORIC ACID): 1530 mg/kg (rat) ON THE SKIN: MAY IRRITANT TO SKIN AND MUCOUS MEMBRANES. ON THE EYE: IRRITATING EFFECT. SENSITIZATION: NO SENSITIZING EFFECT KNOWN. ASSESSMENT BASED ON ACTUAL TESTING OR ON DATA FOR SIMILAR MATERIALS
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SECTION XII – ECOLOGICAL INFORMATION

NO ECOLOGICAL PROBLEMS TO BE ANTICIPATED IF PROPERLY HANDLED AND USED.
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SECTION XIII – DISPOSAL CONSIDERATION

REGULATIONS: MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. TAKE TO A SPECIAL WASTE INCINERATION PLANT, IN LINE WITH LOCAL REGULATIONS.

SECTION XIV – TRANSPORT INFORMATION

(ACCORDING OF CODE OF FEDERAL REGULATION TO TRANSPORTATION N°49)
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SECTION XV – REGULATORY INFORMATION

THIS PRODUCT IS A MEDICAL DEVICE AND NOT SUBJECT TO CHEMICAL NOTIFICATION REQUIREMENTS. REGULATED FOR SHIPPING: NOT REGULATED
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SECTION XVI – OTHER INFORMATION

THE ABOVE MENTIONED DATA CORRESPONDS TO OUR PRESENT STATE OF KNOWLEDGE AND EXPERIENCE. THE SAFETY DATA SHEET SERVES AS DESCRIPTION OF THE PRODUCTS IN REGARD TO NECESSARY SAFETY MEASURES. THE INDICATIONS DO NOT HAVE THE MEANING OF GUARANTEES ON PROPERTIES.

* N/E: NOT ESTABLISHED, N/A: NOT AVAILABLE, N/R: NOT REGULATED BY IARC