




**MATERIAL SAFETY DATA SHEET**

CONAMCO, S.A. DE C.V.  
José Ma. Bustillos No. 28 Bis  
Col. Algarin C.P. 06880  
México, D.F.,  
Tel: (55) 5519-05-08  
Fax: (55) 5519-34-24



**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:** ZINC PHOSPHATE CEMENT LIQUID  
**DESCRIPTION OF PRODUCT:** ZINC PHOSPHATE CEMENT LIQUID, FOR DENTAL PROFESSIONALS ONLY.

**SECTION II – COMPOSITION /DATA ON COMPONENTS**

INGREDIENTS	%	CAS.NO.	SYMBOLS	R-PHRASES
PHOSPHORIC ACID (85%)	60-70	7664-38-2	N/E	N/E
DISTILLED WATER	10-20	-----	N/E	N/E
ZINC OXIDE	1-10	1314-13-2	N/E	N/E

(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 AND SKIN. MAY CAUSE SENSITIZATION BY SKIN CONTACT
--------------------	--

**SECTION IV – FIRST AID MEASURES**

SKIN CONTACT	RINSE WITH WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
EYE CONTACT	FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS PERSIST, 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. GIVE VICTIM TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

### SECTION V – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	DRY CHEMICAL FOAM OR WATER SPRAY
EXTINGUISHING MEDIA TO AVOID:	NONE KNOWN
FLASPOINT METHOD:	NOT APPLICABLE
PROTECTION AND PROCEDURES FOR FIREFIGHTERS:	FORMATION OF TOXIC GASES IS POSSIBLE DURING HEATING OR IN CASE OF FIRE. WEAR FULL PROTECTIVE CLOTHING, AND BREATHING APPARATUS.

### 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 A WAY FROM FOOD AND BEVERAGES. PROTECT FROM EXCESSIVE HEAT AND COLD AND DIRECT SUNLIGHT.

### SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS	THE PRODUCT DOES NOT CONTAIN ANY RELEVANT QUANTITIES OF MATERIALS WITH CRITICAL VALUES THAT HAVE TO BE MONITORED AT THE WORKPLACE.
EYE /FACE	SAFETY GLASSES (PATIENT).
SKIN	GLOVES.
INHALATION	RESPIRATORY PROTECTION IS RECOMMENDED WHEN USING LARGE AMOUNTS.
BODY PROTECTION	PROTECTIVE WORK CLOTHING.

### SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	LIQUID	ODOR:	ODOURLESS
COLOR:	COLORLESS OR PALE YELLOW	SPECIFIC GRAVITY AT 20°C:	1.6 – 1.7 g/cm <sup>3</sup>
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
--------------	-----	-----	-----

### 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:	AT FLAME TEMPERATURES, MATERIAL WILL EMIT TOXIC PHOSPHORUS OXIDE FUMES. .
CONDITIONS TO AVOID	AVOID REACTIVE METALS AND BASES. PROTECT FROM EXPOSURE TO THE LIGHT. KEEP AWAY FROM HEAT AND DIRECT SUNLIGHT.

### SECTION XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	ON THE SKIN: SLIGHT IRRITATION TO SKIN. ON THE EYE: MILD IRRITATION TO THE EYES. ASSESSMENT BASED ON ACTUAL TESTING OR ON DATA FOR SIMILAR MATERIALS
----------------	--

### SECTION XII – ECOLOGICAL INFORMATION

NO ECOLOGICAL PROBLEMS TO BE ANTICIPATED IF PROPERLY HANDLED AND USED.
--

### 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)
--

### SECTION XV – REGULATORY INFORMATION

THIS PRODUCT IS A MEDICAL DEVICE AND NOT SUBJECT TO CHEMICAL NOTIFICATION REQUIREMENTS. REGULATED FOR SHIPPING: NOT REGULATED
--

### SECTION XVI – OTHER INFORMATION

THE ABOVE MENTIONED DATA CORRESPOND 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