



MATERIAL SAFETY DATA SHEET

Division of BioCerax, Inc.

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SECTION I - Identification

Product Name: **DEVELOPER SYSTEM CLEANER** Date: September 30, 2000
MSDS #: 9724
Chemical Family: Aqueous Acidic Solution
Medical Emergency Telephone: (708) 640 4800
Transportation Emergency Telephone: CHEMTREC® 1 (800) 424 9300 Revision Date: 4/26/02

SECTION II - Hazardous Components (Typical Values)

INGREDIENTS	CAS NO.	WT%	ACGIH(TLV)	OSHA(PEL)
Sodium Bichromate	10588-01-9	8-10	0.05 mg/m ³	0.1 mg/m ³
Sulfuric Acid	7664-93-9	5-8	1 mg/m ³	1 mg/m ³

SECTION III - Physical / Chemical Data

Boiling Point	: > 212°F	Solubility in Water (by Weight)	: 100%
Melting Point	: Not Applicable	Specific Gravity (H ₂ O = 1)	: 1.12
Vapor Pressure	: Same as water	Composite Vapor Pressure	: Not Applicable
Vapor Density (AIR = 1)	: Same as water	pH	: 1.50
Evaporation Rate	: Same as water	Appearance	: Clear, orange red
Volatile Fraction by Weight	: Same as water	Odor	: None
Volatile Organic Compound	: Not Applicable		

SECTION IV - Fire and Explosion Hazard Data

Flash Point : Not flammable
Flammable Limits in Air : Lower: None Upper: None
Extinguishing Media : Any extinguishing media applicable to the surrounding area.
Special Fire Fighting Procedures : Evacuate personnel to a safe area. Keep personnel away from and upwind of fire. Wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards : When heated to decomposition, emission of toxic fumes of SO₂ are possible.

SECTION V - Health Hazard Data / SARA - Title III Hazard Categories

- A. Acute Exposure Effects (Note: pertains to finished product)
- Eye contact : May cause irritation and burning.
 - Skin contact : May cause skin irritation, burning, and/or allergic reaction.
 - Inhalation : Inhalation of mist could cause respiratory irritation.
 - Ingestion : May cause irritation of mucous membranes or digestive tract.
- B. First Aid (Applies to finished Product)
- Eyes : Immediately flush with plenty of running water for at least 15 minutes. Obtain medical attention.
 - Skin : Flush affected areas promptly with water for 15 minutes. Remove contaminated clothing. In case of continued irritation, consult a physician
 - Inhalation : For over-exposure, remove to fresh air.
 - Ingestion : Drink milk or water. Do not induce vomiting. Obtain immediate medical attention.
- C. Chronic Health Effects (Note: Pertains to each ingredient listed in section 2 per 29 CFR Sect. 1910.1200)
- All Other Ingredients in Section II**
- A computerized literature search of national databases did not yield any chronic effects associated with these materials.
 - Carcinogenicity Listing: NTP = No IAR = No OSHA = No

* THE STATEMENT OF CALIFORNIA'S PROPOSITION # 65 LISTS CHROMIUM COMPOUNDS AS A CARCINOGEN.

