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PRODUCT: SEDI STAIN
 CATALOG NO: 1570,1571
 REV. A

SECTION I PRODUCT IDENTIFICATION				
CHEMICAL NAME	SYNONYMS	FORMULA	CONC	CAS R.N.
ETHANOL W/5% METHANOL	REAGENT ALCOHOL	C ₂ H ₆ O	10.0	64175
AMMONIUM OXALATE	N.A.	(NH ₄) ₂ C ₂ O ₄ H ₂ O	<0.1	1113388
SAFRANIN O	BASIC RED 2	N.A.	0.25	477736
CRYSTAL VIOLET	GENTIAN VIOLET	N.A.	0.1	548629

SECTION II HAZARDOUS INGREDIENTS	
CHEMICAL NAME	NATURE OF HAZARD
ETHANOL	IRRITANT, NARCOTIC
METHANOL	IRRITANT, NARCOTIC, POISON

SECTION III PHYSICAL DATA							EVAPORA-
CHEMICAL NAME	BOILING PT DEG.C	VAPOR PRESSURE	DENSITY	SOLUBILITY IN H ₂ O	SPECIFIC GRAVITY	VOL %	TION RATE
ETHANOL	78.32	40MM @19 DG	1.59	COMPLETE	0.7893	N.A.	N.A
METHANOL	64.8	100MM @21.2 DG	1.11	COMPLETE	0.7915	N.A.	N.A

APPEARANCE AND ODOR: VIOLET COLORED LIQUID, FRAGRANT ODOR

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
CHEMICAL NAME	LEL	UEL	
ETHANOL	3.3%	19%	
FLASH POINT DEG.F: 55.6 DEG.			
EXTINGUISHING MEDIA : ALCOHOL FOAM, CO ₂ , DRY CHEMICAL			
FIREFIGHTING PROCEDURES: USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL			
FIRE/EXPLOSION HAZARDS : DANGEROUS WHEN EXPOSED TO HEAT OR FLAME.			
METHANOL	6.0%	36.5%	
FLASH POINT DEG.F: 54 DEG			
EXTINGUISHING MEDIA : ALCOHOL FOAM			
FIREFIGHTING PROCEDURES: USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL			
FIRE/EXPLOSION HAZARDS : DANGEROUS WHEN EXPOSED TO HEAT, FLAME, OR OXIDIZERS. SEE INCOMPATIBILITY.			

SECTION V HEALTH HAZARD DATA		
CHEMICAL NAME	T L V	TOXICITY DATA
ETHANOL	AIR: 1000PPM DTLUS	EYE-HMN: 20PPM ORL-MAN TDL 50 MG/KG GIT
METHANOL	AIR: 200PPM DTLUS	EYE-HMN: 5PPM IHL-HMN TCLO: 86,000MG/M3:IRR ORL-HMN LDLO: 340MG/KG

HEALTH HAZARDS; ETHANOL: IRRITANT TO EYES AND UPPER RESPIRATORY TRACT. NARCOTIC
 FIRST AID PROCEDURES; ETHANOL
 EYES : IRRIGATE IMMEDIATELY
 RESPIRATORY: FRESH AIR
 HEALTH HAZARDS; METHANOL: IRRITANT TO EYES, SKIN AND RESPIRATORY.
 SEVERE EXPOSURE MAY BE TOXIC OR FATAL.
 FIRST AID PROCEDURES; METHANOL
 EYES : IRRIGATE IMMEDIATELY
 SKIN : WATER FLUSH IMMEDIATELY
 RESPIRATORY: ARTIFICIAL RESPIRATION/FRESH AIR.

SECTION VI - REACTIVITY DATA			HAZARDOUS
CHEMICAL NAME	STABILITY	INCOMPATIBILITY	DECOMPOSITION PRODUCTS
ETHANOL	STABLE	OXIDIZING MATERIALS	N.A.
METHANOL	STABLE	OXIDIZING MATERIALS. REACTS VIOLENTLY WITH CRO ₃ , IC ₂ H ₅ OH&HGO, HC104, P2O3	N.A.

SECTION VII SPILL & DISPOSAL PROCEDURES
 ABSORB ON PAPER & EVAPORATE IN A HOOD, DILUTE WITH WATER & FLUSH TO SEWER.

SECTION VIII - SPECIAL PROTECTION INFORMATION
 WEAR PROTECTIVE GOGGLES AND APPROPRIATE WORKING CLOTHES. ELIMINATE ALL

SOURCES OF IGNITION.

SECTION IX - SPECIAL PRECAUTIONS

USE ADEQUATE VENTILATION. DO NOT GET IN EYES, ON SKIN OR CLOTHING. WASH THOROUGHLY AFTER HANDLING.

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN COMPILED FROM OUR EXPERIENCE AND DATA PRESENTED IN VARIOUS TECHNICAL PUBLICATIONS. IT IS THE USERS RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS INFORMATION FOR THE ADOPTION OF SAFETY PRECAUTIONS AS MAY BE NECESSARY. WE RESERVE THE RIGHT TO REVISE MATERIALS SAFETY DATA SHEETS FROM TIME TO TIME AS NEW TECHNICAL INFORMATION BECOMES AVAILABLE. THE USER HAS THE RESPONSIBILITY TO CONTACT THE COMPANY TO MAKE SURE THAT THE SHEET IS THE LATEST ONE ISSUED.

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