

# MATERIAL SAFETY DATA SHEET

Manufacturer: Sedona Lab Products - 2370 W. Hwy 89A, Ste 11-507 - Sedona, AZ 86336 - (928) 282-1354

24 Hr Emergency Contact: 800-433-9300

U. S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration

## SECTION I

PRODUCT NAME: WRIGHT STAIN      SIZE: Various      DATE OF REVISION: 01/2002

## SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S):

	CAS #	%	OSHA PEL	ACGIH TLV (units)
Methanol:	67-56-1	99.7	200	200

(Methanol is flammable and vapors may be harmful)

## SECTION III PHYSICAL DATA

BOILING POINT (F): 14	SPECIFIC GRAVITY: (H <sub>2</sub> O=1) 0.79
VAPOR PRESSURE mm Hg./120 DEG C: 97	PERCENT VOLATILE BY VOLUME : 91%
VAPOR DENSITY (AIR =1): 1.11	EVAPORATION RATE (ether=1): >1
SOLUBILITY IN WATER: complete	APPEARANCE AND ODOR: Blue liquid, pungent odor

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used):	FLAMMABLE LIMITS:	Lel	Uel
52 F (TCC)    61 F (TOC)		6.7%	36%

EXTINGUISHING MEDIA: Water SPRAY ONLY, Dry chemical, carbon dioxide, "Alcohol" foam.

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT USE DIRECT WATER STREAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Burns with an invisible flame in daylight.

## SECTION V REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (Materials to Avoid): Reacts vigorously strong oxidizers, chromic anhydride, Lead perchlorate, perchloric acids.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Occurs from heat and reaction with the materials above.

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION VI HEALTH HAZARD DATA

EXPOSURE LIMITS:	PEL	TLV	OTHER
ppm (skin)	200	200	250

EFFECTS OF OVER EXPOSURE: Harmful if inhaled. May be fatal or cause blindness if swallowed.

Will irritate the skin or eyes.

ROUTE (S) OF ENTRY      EMERGENCY AND FIRST AID PROCEDURES

EYE: Irrigate immediately with water for 15 minutes. Call physician.

SKIN: Flush with water immediately.

BREATH: Move to fresh air. Give artificial respiration if needed. Call physician.

INGESTION: Induce vomiting and call physician.

## SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Mop up small spills and dispose of in DOT approved waste containers. Large spills should be diked with soil or non-combustible absorbent material.

WASTE DISPOSAL METHOD: All liquid or contaminated absorbent should be disposed of in DOT approved waste containers. Comply with all applicable Federal, State, and Local regulations for disposal of this material.

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): None for normal use.

VENTILATION: Mechanical Exhaust

PROTECTIVE GLOVES: Chemical Resistant.    EYE PROTECTION: Chemical goggles. Do not wear contact lenses

OTHER PROTECTIVE EQUIPMENT: Good laboratory safety practices indicate lab coats, hand and eye protection.

## SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Use only in well-ventilated area. Bottles should remain capped and sealed until use. Avoid storage in areas of extreme temperature and direct light. Avoid contact with eyes.

OTHER PRECAUTIONS: Keep away from heat, sparks and flame. Store in ventilated area.

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