

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME : VOLU-SOL (LOGOS SCIENTIFIC, INC.)
 ADDRESS : 700 SUNSET ROAD, HENDERSON, NV 89015
 CHEMICAL NAME/SYNONYMS : STAT STAIN
 TRADE NAME/SYNONYMS : QUICK WRIGHT GIEMSA STAIN
 CHEMICAL FAMILY : ALCOHOL FORMULA: CH3OH+STAIN

EMERGENCY PHONE NO.: 702/565-1383

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERV. & SOLVENTS	%	ITLV/UNITS	ALLOYS & METALLIC COATINGS	%	ITLV/UNIT
PIGMENTS: WRIGHT&GIEMSA	14.5				
SOLVENTS: METHANOL	91				
ADDITIVES: SALTS &					
INTENSIFIERS	14.2				

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | % ITLV (UNITS)

SECTION III - PHYSICAL DATA

BOILING POINT(DEG.F: 149 | SPECIFIC GRAVITY(H2O=1): 0.7931
 VAPOR PRESSURE(MMHG: 96 | % VOLATILE BY VOL.(%) : 91
 VAPOR DENSITY(AIR=1: 1.11 | EVAPORATION RATE
 SOLUBILITY IN WATER: COMPLETE | (ETHER_____ =1) : 1
 APPEARANCE AND ODOR: BLUE LIQUID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT/METHOD USED: 52F (TCC) 61F (TOC)
 FLAMMABLE LIMITS: LEL: 6.7 UEL: 36
 EXTINGUISHING MEDIA : DRY CHEMICAL, CARBON DIOXIDE, "ALCOHOL" FOAM
 SPECIAL FIRE FIGHTING PROCEDURES : NONE
 UNUSUAL FIRE AND EXPLOSION HAZARDS: BURNS WITH AN INVISIBLE FLAME IN DAYLIGHT.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : 200 PPM (SKIN)
 EFFECTS OF OVEREXPOSURE: HARMFUL IF INHALED, MAY BE FATAL OR CAUSE BLINDNESS
 IF SWALLOWED, WILL IRRITATE THE SKIN OR EYES.
 EMERGENCY AND FIRST AID PROCEDURES
 INGESTION : INDUCE VOMITING. CALL A PHYSICIAN.
 INHALATION : MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.
 EYE CONTACT: FLUSH WITH WATER FOR 15 MIN., CALL A PHYSICIAN.
 SKIN CONTACT: FLUSH WITH WATER.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE
 INCOMPATIBILITY/MATERIALS TO AVOID: REACTS VIGOROUSLY WITH STRONG OXIDIZERS,
 CHROMIC ANHYDRIDE, LEAD PERCHLORATE, PERCHLORIC ACIDS.
 HAZARDOUS DECOMPOSITION PRODUCTS : OCCURS FROM HEAT & REACTION WITH MATERIALS
 ABOVE.
 HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ABSORB SPILLS ON PAPER AND DISPOSE OF PAPER. FLUSH AREA WITH WATER
(USE METHANOL TO REMOVE STAIN.)

WASTE DISPOSAL METHOD

FLUSH TO CHEMICAL SEWER OR INCINERATE. COMPLY WITH CURRENT LOCAL,
STATE AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION/SPECIFY TYPE: NONE FOR NORMAL USE

VENTILATION; LOCAL EXHAUST : USE IN WELL VENTILATED AREA

MECHANICAL/GENERAL :

PROTECTIVE GLOVES : NONE

EYE PROTECTION : SAFETY GLOGGLES

OTHER PROTECTIVE EQUIPMENT : LAB COAT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

USE ONLY IN WELL VENTILATED AREA, BOTTLE 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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