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

SECTION II - HAZARDOUS INGREDIENTS
PAINTS, PRESERV. & SOLVENTS | % | TLV/UNIT
PIGMENTS: WRIGHT & GIEMSA | 14.5 |
SOLVENTS: METHANOL | 191 |
ADDITIVES: SALTS & INTENSIFIERS | 14.2 |

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | % | TLV (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)
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 GOGGLES
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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