MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME - DIFCO LABORATORIES, INC.
ADDRESS - PO BOX 331058
DETOIT, MICHIGAN 48232-7058
EMERGENCY PHONE NO. - 800-521-0851 313-462-8500

CHEMICAL NAME AND SYNONYMS -

TRADE NAME AND SYNONYMS - SPOTTES TM FLAGELLA STAIN 3573

CHEMICAL FAMILY -

FORMULA -

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, AND SOLVENTS  - TLV-UNITS - ALLOYS AND - % TLV-UNITS - METALLIC COATINGS -

PIGMENTS - N/A - BASE METAL - N/A
CATALYST - N/A - ALLOYS - N/A
VEHICLE - N/A - METALLIC COATINGS - N/A
SOLVENTS - N/A - FILLER METAL PLUS -
ADDITIVES - N/A - FLUX - N/A
OTHERS - - - OTHERS -

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES

* PHENOL

LD50 - 317MG/KG
CAS# - 108-95-2
TLV-UNITS - 5PPM

SECTION III - PHYSICAL DATA

BOILING POINT - F - N AV
VAPOR PRESSURE - MM HG - N AV
VAPOR DENSITY - AIR - 1 - N AV

SPECIFIC GRAVITY - H2O - 1 - N AV
PERCENT VOLATILE BY VOLUME - % - N AV
EVAPORATION RATE - 1 - N AV

SOLUBILITY IN WATER - COMPLETE
APPEARANCE AND ODOR - DARK PURPLE LIQUID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT - METHOD USED - N/A
FLAMMABLE LIMITS - LEL - N/A
UEL - N/A
EXTINGUISHING MEDIA - N/A
SPECIAL FIRE FIGHTING PROCEDURES - N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS - N AP

DATE OF PREPARATION - 3/90
PREPARED BY - ELLEN M. BERNARD
SECTION V - LISTED IN AS A CARCINOGEN

NTP- IARC- OSHA- OTHER- N/A

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE- 200 PPM SKIN BASED ON PHENOL CONTENT
PERMISSIBLE EXPOSURE LIMIT- N/A
OTHER-
EFFECTS OF OVEREXPOSURE- WARNING- HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.
EMERGENCY FIRST AID PROCEDURES- IF SWALLOWED- INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN. INHALED- REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IF DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. IN CASE OF CONTACT- IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.

PRIMARY ROUTES OF ENTRY- INGESTION, INHALATION, OR ABSORPTION.

SECTION VII - REACTIVITY DATA

STABILITY - UNSTABLE - CONDITIONS TO AVOID- N/A
- STABLE - X -

INCOMPATIBILITY- MATERIALS TO AVOID-- N/A
HAZARDOUS DECOMPOSITION PRODUCTS- N/A

HAZARDOUS - MAY OCCUR - CONDITIONS TO AVOID- N/A
POLYMERIZATION - WILL NOT OCCUR - X -

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED- WIPE UP WITH A DAMP SPONGE, RINSE DOWN DRAIN WITH PLENTY OF WATER

WASTE DISPOSAL METHOD- FLUSH DOWN DRAIN WITH PLENTY OF WATER

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION - SPECIFY TYPE-- N/A

VENTILATION- LOCAL EXHAUST-- N/A
MECHANICAL- GENERAL-- YES

SPECIAL--
OTHER--

PROTECTIVE GLOVES- RUBBER, RECOMMENDED
EYE PROTECTION- SAFETY GOGGLES
OTHER PROTECTIVE EQUIPMENT- N/A
SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING- WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING BEFORE REUSE.

OTHER PRECAUTIONS- N AP

* SUBJECT TO SARA TITLE III 313 REPORTING REQUIREMENTS

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