

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION

PRODUCT NAME: HEMATOXYLIN
CATALOG NO. 234
CHEMICAL NAME: NA
SYNONYM: NATURAL BLACK
CAS #: 517-28-2
CHEMICAL FAMILY: ORGANIC DYE
FORMULA: C16H14O6
FORMULA WEIGHT: 302.3

2. PHYSICAL DATA

BOILING POINT: (DEGC) NA
MELTING POINT: (DEGC) 245DEG /100DEG-120DEG
VAPOR PRESSURE: (@20DEGC) NA
VAPOR DENSITY: (AIR = 1) NA
PERCENT VOLATILES BY VOLUME: NA
SPECIFIC GRAVITY: NA
SOLUBILITY IN WATER: SLIGHTLY
APPEARANCE AND ODOR: WHITE TO YELLOWISH CRYSTAL
- LIGHT SENSITIVE
EVAPORATION RATE (BUTYL ACETATE = 1): NA

3. HAZARDOUS INGREDIENTS	CONC.	CAS#
HEMATOXYLIN	100%	517-28-2

THE STATEMENTS CONTAINED HEREIN ARE OFFERED FOR INFORMATIONAL PURPOSES ONLY AND ARE INTENDED TO BE FOLLOWED ONLY BY PERSONS HAVING RELATED TECHNICAL SKILLS AND AT THEIR OWN DISCRETION AND RISK. SINCE CONDITIONS AND MANNER OF USE ARE OUTSIDE OUR CONTROL WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.

PAGE 1

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA
FLAMMABLE LIMITS: UEL: NA LEL: NA
EXTINGUISHING MEDIA: WATER SPRAY, CO2 FOAM
SPECIAL HAZARDS AND PROCEDURES:
WEAR SELF CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

5. HEALTH HAZARD DATA

TOXICOLOGY: SKIN: () IRRITANT (X) NON-IRRITANT
EYE: (X) IRRITANT () NON-IRRITANT

SKIN: () CORROSIVE (X) NON-CORROSIVE
EYE: () CORROSIVE (X) NON-CORROSIVE
LD50: 8.9 GM/KG ORAL RAT
GASTROENTEROLOGY 23,1,53 RG FOR
TUMORIGENIC DATA.
TLO ORAL RAT - 400 MG/KG/26 W-C
THRESHOLD LIMIT VALUE: (AIR) NONE
EFFECTS OF OVEREXPOSURE: EXPERIMENTAL TUMORIGENIC AGENT
FIRST AID PROCEDURES:
EYES: FLUSH THOROUGHLY WITH WATER 15 MIN. CONTACT PHYSICIAN
SKIN: FLUSH THOROUGHLY WITH WATER; WASH WITH SOAP AND WATER.
INHALATION: REMOVE TO FRESH AIR, CALL PHYSICIAN
INGESTION: CALL PHYSICIAN

6. REACTIVITY

STABLE (X)
UNSTABLE ()
CONDITIONS TO AVOID: NONE
MATERIALS TO AVOID: NONE
() WATER () ACIDS () BASES () CORROSIVES () OXIDIZERS
() OTHER (SPECIFY)
HAZARDOUS DECOMPOSITION PRODUCTS: COX AND ACRID FUMES

7. SPILL OR LEAK PROCEDURES AND DISPOSAL

IF RELEASED OR SPILLED: SWEEP UP AND CONTAINERIZE FOR PROPER
DISPOSAL.
WASTE DISPOSAL METHOD: TO BE PERFORMED IN COMPLIANCE WITH ALL
CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

PAGE 2

8. SPECIAL PROTECTION INFORMATION

VENTILATION: PROVIDE ADEQUATE VENTILATION.
RESPIRATORY PROTECTION: NA
PROTECTIVE CLOTHING: GLOVES
EYE PROTECTION: SAFETY GOGGLES
- WASH THOROUGHLY AFTER HANDLING -

9. SPECIAL HANDLING AND STORING INFORMATION

- AVOID CONTACT WITH SKIN AND EYES
- STORE AT CONTROLLED ROOM TEMPERATURE
- WASH THOROUGHLY AFTER HANDLING

10. LABEL WARNINGS

NONE

PAGE 3 (LAST PAGE)