

MSDS

Material Safety Data Sheet



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Hematoxylin, Powder

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: Hematoxylin, Powder
EKI ORDER NUMBERS: 4880
FORMULA: $C_{16}H_{14}O_6$
CAS NO: 517-28-2
REVISION DATE: 5 May 2004

*** LABEL HAZARD STATEMENT AND PRECAUTIONS ***

CAUTION! MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION. Keep container tightly closed. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

COMPONENT (CAS NUMBER)	OSHA PEL	ACGIH TLV
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Hematoxylin (517-28-2)	N/E	N/E

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Slight	BOILING POINT: Does not apply
VAPOR PRESSURE: N/E	VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E	MELTING POINT: 100
EVAPORATION RATE: N/E	
APPEARANCE AND COLOR: Dark brown-green powder. No odor.	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: N/E; combustible at elevated temperatures.
AUTOIGNITION TEMP: N/E
FLAMMABLE LIMITS: Does not apply
EXTINGUISHING MEDIA: Suitable for surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

SECTION 5 REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Excessive heat, direct sunlight.

MATERIALS TO AVOID: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: May cause respiratory tract irritation.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: N/I

INGESTION: Large doses may cause G.I. distress.

CHRONIC: N/I

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. Get medical attention for persistent irritation.

SKIN CONTACT: Immediately flush with plenty of soap and water for at least 15 minutes. Remove contaminated garments. Get medical attention for persistent irritation.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

INGESTION: Give several glasses of water to drink. Get medical attention if large quantities were swallowed.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Containerize for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.

STORAGE: Store tightly closed at 15-30 C, out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general.

RESPIRATORY PROTECTION: If necessary, approved particulate respirator.

EYE PROTECTION: Chemical safety goggles.

SKIN PROTECTION: Impervious gloves, lab coat.

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