

15-413-14 SPECTRO KIT

1, 10 PHENANTHROLINE-REDUCTANT REAGENT (33-03-27)

NFPA CODE

MILTON ROY COMPANY
Formerly a division
of BAUSCH & LOMB

MATERIAL SAFETY DATA SHEET

HEALTH: 3
FLAMMABILITY: 1
REACTIVITY: 2
OTHER: +

ANALYTICAL PRODUCTS DIVISION
820 LINDEN AVENUE
ROCHESTER, NY 14625
TELEPHONE: 716-338-8000

EMERGENCY TELEPHONE: CALL YOUR LOCAL
POISON CONTROL CENTER

THIS INFORMATION IS ON FILE WITH
POISINDEX.

HAZARDOUS INGREDIENTS

<u>INGREDIENT (CAS#)</u>	<u>%</u>	<u>TLV</u>	<u>UNITS</u>
SODIUM HYDROSULFITE (7775-14-6)	<40	NONE	
SODIUM BISULFITE (7631-90-5)	<60	5	mg/M3
SODIUM SULFITE (7757-83-7)	<6	NONE	

HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LIMIT: NONE

EFFECTS OF OVEREXPOSURE:

INHALATION: EXTREME IRRITATION
SKIN CONTACT: SEVERE IRRITATION, POSSIBLE TISSUE DESTRUCTION
INGESTION: SEVERE IRRITATION
EYE CONTACT: SEVERE IRRITATION

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE PERSON TO FRESH AIR, CALL A PHYSICIAN
SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER
INGESTION: INDUCE VOMITING, CALL A PHYSICIAN
EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, CALL A PHYSICIAN

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): NONE FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: DRY CHEMICAL DO NOT USE WATER!!!
FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCES TOXIC GASES OF Na2O, SOx

REC'D
AUG 29 1985

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PHYSICAL DATA

BOILING POINT (C): NA SPECIFIC GRAVITY (H2O=1): ND
VAPOR PRESSURE (mm Hg): ND PERCENT VOLATILE: 0
VAPOR DENSITY (air=1): NA EVAPORATION RATE: NA
PH: NA (-1)
SOLUBILITY: SOLUBLE IN WATER

APPEARANCE AND ODOR: WHITE OR TAN CRYSTALLINE POWDER, GARLIC ODOR

REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: WATER, AIR, SODIUM CHLORITE, ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: Na2O, SOx
HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID: CONTACT WITH WATER, ACIDS, OXIDIZERS, AIR;
MATERIAL MAY IGNITE ON CONTACT WITH WATER

SPILL OR LEAK PROCEDURES

SPILL PROCEDURE: VACUUM, AVOID EXPOSURE TO DUST
WASTE DISPOSAL PROCEDURE: AS PER LOCAL, STATE AND FEDERAL REGULATION

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE A NIOSH APPROVED DUST RESPIRATOR IF AIR-
BORNE DUST IS GENERATED
VENTILATION: USE IN A CHEMICAL FUME HOOD OR EQUIVALENT
EYE AND FACE PROTECTION: SAFETY GLASSES
PROTECTIVE CLOTHING: RUBBER GLOVES

SPECIAL PRECAUTIONS

HANDLING AND STORAGE: STORE IN TIGHTLY CLOSED CONTAINERS, IN A COOL
DRY PLACE
OTHER PRECAUTIONS: AVOID CONTACT WITH WATER AS MATERIAL MAY IGNITE

PAGE 2 SIGNATURE: Victor G. Bourdeau DATE: 2/ 3/85

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