

MSDS**Material Safety Data Sheet**

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B-5 Fixative, Modified, Mercury Free**SECTION 1 PRODUCT IDENTIFICATION**

NAME: B-5 Fixative, Modified, Mercury Free
 EKI ORDER NUMBER: 4495
 SYNONYMS: N/I
 CAS NO: Does not apply
 FORMULA: Does not apply
 REVISION DATE: 7 April 2005

****LABEL HAZARD STATEMENT AND PRECAUTIONS****

WARNING! CAUSES IRRITATION. HARMFUL IF SWALLOWED. SUSPECT CANCER HAZARD. MAY CAUSE CANCER. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV	CONCENTRATION
Formaldehyde/50-00-0	0.75 ppm TWA 2 ppm STEL	0.3 ppm STEL	~3.7%
Methanol/67-56-1	200 ppm TWA	200 ppm TWA Skin 250 ppm STEL Skin	~1%
Zinc Chloride/7646-85-7	N/E	N/E	~6%

All above are subject to the reporting requirements of SARA 313 and 40CFR372

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible
 VAPOR PRESSURE (mm Hg): N/E
 SPECIFIC GRAVITY: N/E
 EVAPORATION RATE: N/E
 APPEARANCE AND ODOR: Clear, colorless liquid. Odor of formaldehyde.
 BOILING POINT (C): N/E
 VAPOR DENSITY: N/E
 MELTING POINT (C): N/E

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not a fire hazard
 AUTOIGNITION TEMPERATURE (C): Does not apply
 FLAMMABLE LIMITS (%) Does not apply

EXTINGUISHING MEDIA: Suitable for surrounding fire.

SPECIAL FIRE FIGHTING 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: N/I

MATERIALS TO AVOID: N/I

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, HCl, Cl₂, Formaldehyde, Zinc fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: Causes irritation.

SKIN CONTACT: Causes irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: N/I

INGESTION: Causes G.I. irritation.

CHRONIC: N/I

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I

CARCINOGENICITY: Formaldehyde - NTP Reasonably anticipated to be a human carcinogen.

IARC - Probably carcinogenic to humans.

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes, while removing contaminated garments. Get medical attention for persistent irritation.

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

INGESTION: If conscious, induce vomiting immediately as directed by medical personnel.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Absorb with inert material and containerize for disposal.

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

STORAGE: Store tightly closed at 15-30C.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general.

RESPIRATORY PROTECTION: If necessary, approved organic vapor/acid gas respirator.

EYE PROTECTION: Chemical splash safety goggles and/or full face shield.

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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