

# MSDS

# Material Safety Data Sheet



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## B-5 Fixative

### SECTION 1 PRODUCT IDENTIFICATION

NAME: B-5 Fixative  
EKI ORDER NUMBER: 4493  
SYNONYMS: N/I  
CAS NO: Does not apply  
FORMULA: Does not apply  
DATE OF ISSUE: 9 April 2004

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

DANGER! MAY BE FATAL IF SWALLOWED. MAY BE HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. Do not get in eyes, on skin, on clothing. Do not breathe mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Mercuric Chloride/7487-94-7	0.1 mg Hg/m3 STEL	0.025 mg Hg/m3 TWA (skin)

Mercuric Chloride, 6%, is subject to the reporting requirements of SARA 313 and 40CFR372.

### SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible  
VAPOR PRESSURE (mm Hg): N/I  
SPECIFIC GRAVITY: N/I  
EVAPORATION RATE: N/I  
APPEARANCE AND ODOR: Clear, colorless liquid. Odorless.

BOILING POINT (C): N/I  
VAPOR DENSITY: N/I  
MELTING POINT (C): N/I

### SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not combustible.  
AUTOIGNITION TEMPERATURE (C): Does not apply  
FLAMMABLE LIMITS (%) UEL: Does not apply LEL: 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: May emit mercury or chlorine oxides when heated to decomposition.

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## SECTION 5 REACTIVITY DATA

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STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat

MATERIALS TO AVOID: Incompatible with many compounds. Do not contaminate.

HAZARDOUS DECOMPOSITION PRODUCTS: Hg<sub>x</sub>O<sub>x</sub>, Cl<sub>x</sub>O<sub>x</sub>

HAZARDOUS POLYMERIZATION: Does not occur.

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## SECTION 6 HEALTH HAZARD DATA

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ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE:

INHALATION: May cause respiratory tract irritation.

SKIN CONTACT: May cause irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: See ingestion.

INGESTION: May be fatal. Causes headache, G.I. symptoms, convulsions, unconsciousness.

CHRONIC: Mercury poisoning

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Nervous disorders, impaired kidney or respiratory function.

CARCINOGENICITY: IARC-3. Not classifiable as to carcinogenicity to humans.

### \*\*\*\*FIRST AID PROCEDURES\*\*\*\*

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

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

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

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

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## SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

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

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

STORAGE: Store tightly closed in a cool place.

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## SECTION 8 CONTROL MEASURES

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VENTILATION: Local or general

RESPIRATORY PROTECTION: Full-face mist respirator, if necessary.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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