

M S D S***Material Safety Data Sheet***

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10% Buffered Formalin Fixative, Carson-Millonig

SECTION 1 PRODUCT IDENTIFICATION

NAME: 10% Buffered Formalin Fixative, Carson-Millonig
 EKI ORDER NUMBER: 4498
 SYNONYMS: Buf-Fix™
 CAS NO: Does not apply.
 FORMULA: Does not apply.
 REVISION DATE: 9 March 2006

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

WARNING. HARMFUL IF SWALLOWED OR INHALED. CAUSEES IRRITATION. SUSPECT CANCER HAZARD. MAY CAUSE CANCER. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. 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	%
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Formaldehyde/50-00-0	0.75 ppm TWA 2 ppm STEL	0.3 ppm TWA	~4.0
Methyl Alcohol/67-56-1	200 ppm TWA	200 ppm TWA Skin 250 ppm STEL Skin	~1.0

Formaldehyde and Methyl Alcohol are subject to the reporting requirements of SARA 313 and 40CFR372.

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

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

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): 85
 AUTOIGNITION TEMPERATURE (C): N/I
 FLAMMABLE LIMITS (%) UEL: N/I LEL: N/I
 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: Low temperatures.

MATERIALS TO AVOID: Oxidizers, alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, Formaldehyde.

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: Causes irritation of respiratory tract.

SKIN CONTACT: May cause irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: See ingestion.

INGESTION: May cause severe abdominal pain, vomiting, headache and diarrhea.

CHRONIC: Dermatitis or other allergic reaction.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin or eye disorders.

CARCINOGENICITY: NTP-R: Reasonably Anticipated To Be A Human Carcinogen. IARC-2R: Probably Carcinogenic To Humans.

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. 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: DO NOT INDUCE VOMITING. If conscious, give several glasses of water to drink. Get immediate medical attention.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Ventilate area. 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 preferred.

RESPIRATORY PROTECTION: Full facepiece respirator with formaldehyde cartridge.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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