

Formalin (10% Neutral Buffered)

PRODUCT NAME:	Formalin (10% Neutral Buffered)
CATALOG #:	FRN
PRODUCT DESCRIPTION:	Tissue fixative.
COMPOSITION:	Water, CAS# 7732-18-5 Formaldehyde, CAS# 50-00-0 Methanol, CAS# 67-56-1 Sodium Phosphate, Dibasic, CAS# 7558-79-4 Sodium Phosphate, Monobasic, CAS#10049-21-5 May contain additional non-hazardous proprietary ingredients.
PHYSICAL DATA:	
APPEARANCE / ODOR	Clear colorless liquid; strong formalin odor.
SOLUBILITY IN WATER	Soluble
VAPOR DENSITY	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
MELTING POINT	N/A
BOILING POINT	100°C
FLASH POINT	Aqueous Solution
AUTO-IGNITION POINT	Aqueous Solution
LOWER EXPLOSIVE LIMIT IN AIR	N/A
UPPER EXPLOSIVE LIMIT IN AIR	N/A
FIRE AND EXPLOSION HAZARD DATA:	Extinguish fire using water spray, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) Emits acrid smoke and irritating fumes.
REACTIVITY DATA:	
STABILITY	Stable.
INCOMPATIBLE MATERIALS	Slightly reactive with oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO2
HAZARDOUS POLYMERIZATION	Will not occur.
HEALTH HAZARD DATA:	
ACUTE EFFECTS:	Eye Contact: Contact with eyes may cause inflammation of the eyes. Skin Contact: Skin contact may cause irritation. Ingestion: Ingestion may cause severe abdominal discomfort accompanied by nausea and vomiting. Inhalation: Inhalation may cause irritation of the respiratory tract.
CHRONIC EFFECTS:	Eye Contact: Prolonged exposure to the eyes will result in blindness. Skin Contact: Prolonged absorption through skin may cause reproductive disorders. Ingestion: N/A Inhalation: Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

Material Safety Data Sheet
FRN-MSDS

Rev. Date: Oct. 13, 2009

Revision: 1

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FIRST AID:	<p>Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention.</p> <p>Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.</p> <p>Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen.</p> <p>Ingestion: Get immediate medical attention.</p>								
ADDITIONAL INFORMATION:	This product contains Formaldehyde, which the State of California has found to cause cancer.								
HMIS HAZARD CODES:	<table border="1"> <tr> <td>HEALTH</td> <td>3</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>H</td> </tr> </table> <p>Use formaldehyde rated respirator, chemical goggles, apron, and gloves.</p>	HEALTH	3	FLAMMABILITY	0	PHYSICAL HAZARD	0	PERSONAL PROTECTION	H
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SPILL OR LEAK PROCEDURES:	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.								
WASTE DISPOSAL METHOD:	Observe all federal, state and local environmental regulations.								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	<p>Wear protective clothing.</p> <p>Avoid contact with skin and eyes. Wash thoroughly after handling.</p> <p>Keep tightly closed.</p> <p>Irritant.</p> <p>Keep container tightly closed.</p> <p>Use in a chemical fume hood.</p> <p>Avoid breathing vapor.</p>								
ADDITIONAL COMMENTS:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.								