IDENTITY (As Used on Label and	List)						
Dilute Formalin Fixative (R	esidual in Preserved	Specimens)					
Section I							
Manufacturer's Name	Emergency Telephone Number						
Ward's Natural Science Establishment		Chemtrec 800-424-9300					
Address (Number, Street, City, State,	Telephone Number for Information 800-962-2660						
5100 West Henrietta Road							
Rochester, NY 14692-9012		November 6, 2003					
		Signature of Preparer(Optional)					
Section II - Hazardous Ingre	edients/Identity Infor	mation					
Hazardous Components	CAS#	OSHA	ACGIH	Other	1 0/		
(Specific Chemical Identity; Common Nat	me(s))	CAS#	PEL	TLV	Limits	%	
						-	
Formalin		50-00-0	0.75ppm	0.75ppm		1% to 4%	
***							
Water	7732-18-5	N/A	N/A		96-99%		
			1				
Formalin is present in specime	en tissues as a						
result of initial fixation.  Traces of fixative may also be			-				
leachate in packing fluid.	present as residuai						
reachate in packing fluid.							
						-	
Section III - Physical/Chemic	cal Characteristics						
Boiling Point		Specific Gravity (H					
	>100C (210F)				<1.0		
Vapor Pressure (mm Hg.)	>1.0	Meiting Point			N/A		
Vapor Density (AIR = 1)	N/A	Evaporation Rate					
	Color Color	n-butyl acetate = 1		<1			
Solubility in Water							
Completely soluble							
Appearance and Odor							

Section IV - Fire a		and the second second				
Flash Point (Method	Used)	Flammable Limits			LEL	UEL
>180F					N/A	N/A
Extinguishing Med						
Use best media for	surrounding f	ire.				
Special Fire Fighti	_	es				
No special procedu						
Unusual Fire and						
Non-combustible li		sual hazaro	S.			
Section V - Reactiv		-	-			
Stability	Unstable	No				
	Stable	Yes			ts.	
Incompatability (M						
Hazardous Decom Formaldehyde gas,	-			de		
Hazardous	May	No No		ns to Avoid		
Polymerization	Occur	1.0	Conditions to Avoid			
1 ory men manner	Will Not	Yes	Strong oxidizing agents.			
	Occur					
Section VI - Health	Hazard Da	ta	THE SHAPE SHAPE SHAPE SHAPE SHAPE	TO THE REAL PROPERTY AND ADDRESS.		ON POWER ON SECURITION OF SECURITION ASSESSMENT OF SECURITION OF SECURIT
Route(s) of Entry:		Inhalation? Yes		Skin?		Ingestion?
				Yes		Not likely
of skin may occur wit	include irritation h contact. May cancer, depend	cause allerg	gic skin reacti th and level o	ion or transien f exposure. H	it dermatitis in some uman evidence is in	de gas; dryness and irritation e individuals. Prolonged conclusive. Tumors have bee
Carcinogenicity:		NTP?	NTP?		nographs?	OSHA Regulated?
		No			al carcinogen	Yes
Signs and Symptor	ns of Exposu	re				
Dilute solution is a			on of skin a	nd eyes poss	ible with contact.	
Medical Condition						
Chemical hypersens			_		ay be aggravated	by exposure.
Emergency and Fir						
Inhalation: remove t stopped. Get medica	to fresh air. G al attention. E	ive oxyger yes: Flush	thoroughly	with water, i	ncluding upper ar	piration if beathing has nd lower lids. If irritation duce vomiting. Get medic
ttention immediate	L. CHILIOIL SI	17 0311	incrouginy i	i comaci oci	uis. mgcsuon. m	dace volinting. Oct medic

attention immediately.

# Section VII - Precautions for Safe Handling and Use

# Steps to be Taken in Case Material is Released or Spilled

Material may be flushed to drain if local regulations permit. Provide adequate ventilation in spill area.

### Waste Disposal Method

Discharge, treatment, and disposal may be subject to state and local regulations.

# Precautions to be Taken in Handling and Storage

Use protective gear required. Provide adequate ventilation.

### Other Precautions

For lab use only. Not for drug, food, or cosmetic use. Keep out of reach of children. Supervise activities conducted with specimens. Avoid prolonged breathing of vapors. Keep away from heat, sparks, or open flames. Keep containers tightly closed. Remove and wash contaminated clothing.

#### Section VIII - Control Measures

### Respiratory Protection (Specify Type)

Not needed under normal laboratory conditions with adequate ventilation. PEL is 0.75ppm STEL 2.0 ppm

Ventilation	Local Exhaust Recommended	Special None required
	Mechanical Recommended	Other Adequate to maintain below exposure level
Protective Gloves	Recommended	Eye Protection Recommended

# Other Protective Clothing or Equipment

Lab coat, apron, and eyewash station in close proximity to work area.

# Work/Hygenic Practices

Wear protective equipment. Wash hands thoroughly after use.

### FOR ADDITIONAL INFORMATION:

Contact Ward's Safety Manager during business hours at (800) 962-2660.

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