Material Safety Data Sheet (SW2)

IDENTITY (As Used on Label and List) Formaldehyde-Free Preserved Fetal Pigs Section I Manufacturer's Name **Emergency Telephone Number** WARD'S NATURAL SCIENCE 24HR Assistance CHEMTREC: 1-800-424-9300 Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information 1-585-359-2502 (8am - 4:30pm EST) 5100 W. Henrietta Road Rochester, NY 14692 **Date Prepared** 10/21/02 Signature of Preparer (Optional) Section II - Hazardous Ingredients/Identity Information Other Limits CAS# **OSHA PEL ACGIH TLV** Hazardous Components (Specific Chemical Identity; Common Name(s)) % Optional Recommended Not None Glutaraldehyde. (Pentanedial) 111-30-8 C 0.05PPM <1 Established Recommended Not Not None Propylene Glycol 57-55-6 10 Established Established Recommended Not Not None Ethylene Glycol Phenyl Ether 122-99-4 1 Established Established Recommended Not Not None Diethylene Glycol Phenyl Ether 104-68-7 0.01 Established Established Recommended Section III - Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H₂O = 1) 100° C 1 Vapor Pressure (mm Hg.) **Melting Point** 30 NA (MM Hg./20°C) Vapor Density (AIR = 1) **Evaporation Rate** 0.84 >4 Butyl Acetate = 1 Solubility in Water Complete Appearance and Odor Clear liquid; Aldehyde odor Section IV - Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits UEL Glycol Ether Phenyl Ether = 172 Propylene Glycol = 218 Propylene Glycol: 2.6 Propylene Glycol: 12.5 Extinguishing Media If water is evaporated, material can burn. Use carbon dioxide or dry chemical extinguisher for fire. **Special Fire Fighting Procedures** Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Unusual Fire and Explosive Hazards

None specified.

Section V - Reac	tivity Data								
Stability	Unstal	Unstable		Conditions to Avoid					
	Stable		X	Avoid high temperatures above 200° F and removal of water.					
Incompatibility (Mater	,								
Acids, alkalis and Hazardous Decompos						-			
None specified.									
Hazardous Polymerizat	ion May O	ccur		Conditions to Avoid					
	Will No	ot Occur	X	Heat sparks and open flames.					
Section VI – Health Hazard Data									
Route(s) of Entry:		Inhalation?				Ingestion?			
Health Haranda /Aauta		Yes						Yes	
Health Hazards (Acute and Chronic) Repeated contact with skin may cause sensitization in some people, resulting in allergic contact dermatitis.									
Carinogenicity:		ITP?			C Mono	graphs?		OSHA Regulated?	
Signs and Symptoms		10		NO_	No			No	
SKIN : Moderate irritation. Highly excessive exposure may cause a softening of the skin, and/or absorption of harmful amounts of Glycol									
Ether EPH which may cause Hemolysis, thereby impairing the bloods ability to transport oxygen. It is very doubtful that this will occur									
with the amounts of Ethylene Glycol Phenyl Ether contained in this mixture; EYES: Severe irritation; INGESTION: Toxic; INHALATION:									
Low or mild irritation Medical Conditions Generally Aggravated by Exposure									
None specified.									
'									
Emergency and First Aid Procedures									
SKIN: Wash with soap and water. Get medical attention if irritation persists. EYES: Flush with water for 15 minutes. Get medical									
attention. INHALATION: Move victim promptly to fresh air. Give oxygen if breathing is difficult. Get medical attention. INGESTION: Do not induce vomiting. Give nothing by mouth if unconscious. Get medical attention.									
Section VII – Precautions for Safe Handling and Use									
Steps to Be Taken in (
Ventilate area; wear gloves and protective eye gear. SMALL SPILLS: Wipe with sponge or mop down area with equal mixture of									
		er. LARG I	E SPIL	LS: Use ammonium carbo	nate to	o neutral	lize Glutaralde	hyde odor. Collect liqu	id.
Waste Disposal Metho		duct and m	atorial	e used in cleaning up spills	or loa	ke in a e	uitable contair	or Consult appropriate	od fodoral
Dispose of contaminated product and materials used in cleaning up spills or leaks in a suitable container. Consult appropriated federal, state and local regulatory agencies to ascertain proper disposal procedures.									
Precautions to Be Taken in Handling and Storage									
Use in well ventilated area. Keep in container tightly closed when not in use.									
Other Precautions Keep out of reach	of children	Do not in	ngest	Avoid skin contact. Do not	aet in	eves			
Section VIII - Cor			igoot.	TWOIG CHAIT COTTGGE. BOTTOC	900	 			
Respiratory Protection									
Use in ventilated a									
Ventilation	Local Exhaust					Special			
	Local exhaust should be sufficient with use of c container.				ı	NA			
	Mechanical					Other			
	NA					NA			
Protective Gloves Yes Eye Protection Safety glasses – chemical splash goggles Other Protective Clothing or Equipment									oggles
LITHOR PROTOCTIVE CLOTH	ימונינט – מרווים	ment							

Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.

Work/Hygienic Practices

Avoid contamination of food. Launder contaminated clothing before wearing.

FOR ADDITIONAL INFORMATION Contact WARD's Safety Manager during business hours at (585) 359-2502

NOTICE: WARD'S expressively disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, WARD'S makes no representations as to its accuracy or sufficiency. Conditions of use are beyond WARD'S control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.