

Sargent W. K 7/730

Material Safety Data Sheet (SW1)

IDENTITY (As Used on Label and List) Formaldehyde-Free Preserved Frog, Bullfrog, Perch, Shark	Distributor SARGENT-WELCH
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Section I

Manufacturer's Name RANACO	Emergency Telephone Number 24HR Assistance CHEMTREC: 1-800-424-9300
Address (Number, Street, City, State, and ZIP Code) 4345 E. Irvington Road Tucson, AZ 85714	Telephone Number for Information 1-520-790-7737 (8am - 5pm Arizona Time)
	Date Prepared April 18, 2002
	Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Glutaraldehyde, (Pentanedial)	111-30-8	Not Established	C 0.05PPM	None Recommended	<1

Section III - Physical/Chemical Characteristics

Boiling Point	100° C	Specific Gravity (H₂O = 1)	1.06
Vapor Pressure (mm Hg.) (MM Hg./20°C)	30	Melting Point	-7.0° C
Vapor Density (AIR = 1)	0.6	Evaporation Rate Butyl Acetate = 1	0.84
Solubility in Water Complete			
Appearance and Odor Clear liquid; Aldehyde odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Available	Flammable Limits	LEL NA	UEL NA
Extinguishing Media If water is evaporated, material can burn. Use carbon dioxide or dry chemical extinguisher for fire.			
Special Fire Fighting Procedures Wear fire fighting protective equipment and self-contained breathing apparatus.			
Unusual Fire and Explosive Hazards None specified.			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Avoid high temperatures above 200° F and removal of water.

Incompatibility (Materials to Avoid)
Strong acids and strong alkali will neutralize active ingredient.

Hazardous Decomposition or Byproducts
None specified.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Heat sparks and open flames.

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)
Repeated contact with skin may cause sensitization in some people, resulting in allergic contact dermatitis.

Carinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure
SKIN: Moderate irritation; **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. **EYES:** Flush with water for 15 minutes. **INHALATION:** Move victim promptly to fresh air. Give oxygen if breathing is difficult. **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 Case Material is Released or Spilled
Ventilate area; wear gloves and protective eye gear. **SMALL SPILLS:** Wipe with sponge or mop down area with equal mixture of household ammonia and water. **LARGE SPILLS:** Use ammonium carbonate to neutralize Glutaraldehyde odor. Collect liquid.

Waste Disposal Method
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 ingest. Avoid skin contact. Do not get in eyes.

Section VIII – Control Measures

Respiratory Protection (Specify Type)
Use in ventilated area

Ventilation	Local Exhaust	Special
	Local exhaust should be sufficient with use of covered container.	NA
	Mechanical	Other
	NA	NA

Protective Gloves	Yes	Eye Protection	Safety glasses – chemical splash goggles
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Other Protective Clothing or Equipment
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 Ranaco's Safety Manager during business hours at (520)790-7737

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