



TRI SAN is a member of the **Millenium/New Era** line of formaldehyde-free embalming chemicals. **TRI SAN** is Champion's premiere replacement for our legendary Di-San accessory/co-injection chemical. **Millenium/New Era TRI SAN** takes non-formaldehyde technology to a new horizon in embalming formulations. **TRI SAN** is a potentiated trialdehyde based high reactivity formulation that exceeds and broadens the reactivity of Di-San - Champion's original glutaraldehyde based embalming fluid additive. The unique combination of aldehydes in **TRI SAN** results in a maximum of synergy with an extremely high level of sanitation and disinfection in use. **TRI SAN** is used as a power factor additive to disinfect, sanitize, increase aldehyde action, increase penetration, increase reactivity and to maximally increase overall embalming action of arterial and cavity chemicals. The addition of **TRI SAN** to the injected arterial or cavity chemical results in a significant increase in embalming and rigidity of embalmed tissues.

DIRECTIONS

TRI SAN should be added at the rate of 1-3 ounces per gallon of arterial solution to increase penetration, sanitization, reactivity and firming action of the arterial solution. **TRI SAN** can be used in higher dilutions in extreme or difficult cases if conditions warrant (refer to arterial fluid product data sheets for circumstances and recommendations).

TRI SAN is also recommended as an additive to arterial and cavity chemicals in the case of highly infectious bodies due to its' superior disinfection and sanitization capabilities. The addition of 4-8 ounces of **TRI SAN** to any cavity fluid will maximize sanitization and disinfection and increase fluid action and rigidity of tissues. Read all label warnings and precautions prior to use. Always wear protective clothing and good quality gloves when using **TRI SAN**. Always use adequate ventilation and avoid contact with skin, eyes or clothing. **TRI SAN** can cause some staining and darkening of tissues due to it's action. Shake thoroughly before use - some separation is possible due to the high concentration of active ingredients present in the formulation.

**BEFORE USING, READ MATERIAL SAFETY DATA SHEET.
FOR PROFESSIONAL EMBALMING USE ONLY.**

MATERIAL SAFETY DATA SHEET

HAZARD RATING	
Health	2
Fire	2
Reactivity	0
Special	0

THE CHAMPION COMPANY

400 Harrison Street
Springfield, Ohio 45505

EMERGENCY TELEPHONE NO. (937) 324-5681

CHEMTREC: (800) 424-9300 (Spill, Leak, Fire, Exposure or Accident)

I. PRODUCT INFORMATION

General Type: Accessory Embalming Fluid
Trade Name: Trisan

II. HAZARDOUS INGREDIENTS

<u>MATERIAL (CAS)</u>	<u>%</u>	<u>OSHA PEL TWA/STEL (15)</u>	<u>ACGIH TLV TWA/STEL (15)</u>
Glutaraldehyde (111-30-0)	8	.2ppm (ceiling)	.05ppm (ceiling)
Phenol (108-95-2)	6	5ppm/NONE	5ppm/NONE
Methanol (67-56-1)	6	200ppm/NONE	200ppm/250ppm
Isopropanol (67-63-0)	6	400ppm/NONE	200ppm/400ppm

III. PHYSICAL DATA

Boiling Point	150° F+	Freezing Point	N/D
Specific Gravity	1.0	Vapor Pressure	N/D
Vapor Density	Approx 1	Solubility in Water	COMPLETE
Percent Volatiles	12 (with heat)	Evaporation Rate	Approx 1
		(Butyl Acetate = 1)	
Appearance and Odor	Pinkish liquid with slight pungent odor.		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point	120° F (TCC) Combustible Liquid
Flammable Limits In Air	-----
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide, Water Spray
Special Fire Fighting Procedures	Wear self-contained breathing apparatus, cool container with water spray.
Unusual Fire and Explosion Hazard	-----

V. HEALTH HAZARD DATA

Threshold Limit Value	See Part II
Effects of Overexposure	If swallowed may cause burns, nausea, vomiting, diarrhea, blindness or death. Skin contact may cause burns, dermatitis or serious skin injury. Eye contact may cause burns, inflammation, eye injury or blindness. Inhalation may cause burning of throat and lungs, difficult breathing and collapse, liver damage, nerve damage or blindness. Can be absorbed through skin.
Emergency and First Aid Procedures	Contact physician immediately. If swallowed give milk or water and induce vomiting by sticking finger down throat and get medical attention. If unconscious - give nothing. If eye or skin contact - flush with water for 15 minutes. Remove contaminated clothing, get medical attention. If inhaled - remove to fresh air, give artificial respiration if not breathing, get medical attention.

VI. REACTIVITY DATA

Stability	Product is stable
Conditions to Avoid	Sparks, heat and open flames
Incompatibilities	Strong acids and alkalis
Hazardous Decomposition Products	At high temperatures may release carbon monoxide or carbon dioxide
Hazardous Polymerization	Will not occur

VII. SPILL OR LEAK PROCEDURES

If Material is Spilled	Neutralize with sodium sulfite solution and flush to sewer with large quantity of water - if allowed. Mop up with dry, non-reactive absorbent and dispose of as solid waste as allowed.
Waste Disposal Method	Flush to chemical sewer, incinerate, dispose in sanitary landfill - if allowed or flush to waste treatment system - if allowed.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection	Unnecessary if area is adequately ventilated - use organic vapor mask if necessary.
Local Ventilation	Preferred
Mechanical Ventilation	Acceptable if necessary
Special Ventilation	Not normally required
Other Ventilation	Not normally required
Protective Gloves	Impervious vinyl or rubber type
Eye Protection	Coverall goggles or full face shield
Other Protective Equipment	Safety shower, eye wash and full protective clothing is required.

IX. SPECIAL PRECAUTIONS

Maintain adequate ventilation and engineering controls to insure exposure levels below OSHA limits. Avoid prolonged inhalation or contact with skin or eyes.

Keep bottles tightly capped. Keep away from heat and flames. Store in cool, dry, well-ventilated area.

The information herein given is in good faith but no warranty, expressed or implied, is made, except that to the best of the Company's knowledge it is accurate. The Champion Company does not assume any legal responsibilities for use or dependence upon same. Customers may wish to conduct tests of their own. The user is urged to read the information provided on the label before using product.

Trisan

Date July 2004
