CHAMPION®

Humitone
with Entrone

Champion Humitone is a modifying and humectant solution containing ingredients such as glycerine and glycerine-like compounds blended with vegetable gums and Entrone.

It aids in controlling the drying action of formaldehyde, yet it does not affect the preservative qualities of formaldehyde.

Humitone is excellent for use in filling out emaciated tissue areas to the proper contour. The molecular size of the basic ingredient is such that the moisture-holding gums are retained in the tissues.

Use Humitone to counteract the various causes of dehydration in embalming:

Air currents, drafts of air conditioning, fans, hot air (summer), heated air of winter, dry air with low humidity;

Nature of the illness preceding death, such as high fever;

Use of astringent cavity chemicals topically and internally.

DIRECTIONS

To prevent dehydration during embalming - add 1-3 oz. of Humitone per gallon when non-lanolin arterial fluid is used. To restore moisture content to tissues - add 4-12 oz. of Humitone per gallon in last 1-1½ gallons injected. Always use intermittent or restricted drainage and delay aspiration if possible.

For maximum results, add one full bottle of Humitone to the last gallon of solution injected. While the last half-gallon is being injected, ligate the vein and continue to inject the remaining solution. This technique will aid in retaining Humitone in the tissues.

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

MATERIAL SAFETY DATA SHEET

HAZARD RATING

Health	1
Fire	1
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: Humitone

II. HAZARDOUS INGREDIENTS

MATERIAL (CAS)	%	OSHA PEL TWA/STEL (15)	ACGIH TLV TWA/STEL (15)
Glutaraldehyde (111-30-8)	1	.2ppm (ceiling)	.05ppm (ceiling)
Methanol (67-56-1)	2	200ppm/NONE	200ppm/250ppm

III. PHYSICAL DATA

Boiling Point	202°F+	Freezing Point	30° F
Specific Gravity	1.010	Vapor Pressure	UNKNOWN
Vapor Density	1	Solubility in Water	COMPLETE
Percent Volatiles	2	Evaporation Rate (Butyl Acetate = 1)	1
Appearance and Odor	Pink solution with pleasant odor.		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point	208° F (COC) Combustible Liquid
Flammable Limits In Air	Lower 6.7 Upper 72
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.

Humitone

Date August 1, 2010