

HYDROL



Co/Preinjection Fluids

B-4 – Body Conditioner and Neutralizer

B-4 Body Conditioner and Neutralizer prepares the body chemically to insure uniform embalming results on all cases, regardless of the pH of the body. By adjusting each body to the same chemical state before arterial embalming,

B-4 enables the embalmer to achieve the same results on each and every case. To do this, **B-4** has to be versatile. It is just that! It is a neutralizer, a capillary wash, and a water softener, it is a blood solvent; it contains wetting agents; it is a preservative; it aids in controlling dehydration by permitting use of lower index fluid, or milder solutions of higher index fluid.

B-4 Body Conditioner and Neutralizer is a combination product which is used before (B-4) the arterial fluid, or in certain cases, with the arterial fluid as a modifier. It chemically produces a pH condition in the body which is slightly alkaline. By doing this, it neutralizes any abnormal body conditions which might have been caused by refrigeration, sudden death, antibiotics, etc. In addition, B-4 is compounded as an isotonic solution. This means that it cannot swell or shrink tissue, and will prevent thrombosis by eliminating active calcium ions from the blood.

MOST IMPORTANT OF ALL, **B-4** contains a revolutionary delayed action formaldehyde combination. By combining formaldehyde with another complex, we can now control the release of formaldehyde, and also eliminate completely its objectionable odor. By delaying the preserving action of formaldehyde, we can give **B-4** an index of 8, but completely prevent the astringent nature of formaldehyde from interfering with **B-4's** action as a neutralizer, body conditioner, and drainage aid. AFTER these actions are complete, and arterial embalming has begun, this amazing product begins to preserve with its own formaldehyde. IT PROVIDES ITS OWN INSURANCE FOR COMPLETE PRESERVATION.

B-4 Body Conditioner and Neutralizer is mild enough to use on babies and toddlers. When used with babies **B-4** can be used as an immersion solution, 8 oz. to (1) gallon of water, or as packs, wet wrap with diluted **B-4** solution. Toddlers can be injected with a solution of 12 oz. of **B-4** to a gallon of water. 2-4 ounces of Epic Conditioner mixed with **B-4** to be injected will soften the action of fluid and produce an excellent embalming.



Ordering Information:

B-4 - Product No. 04004
Now in 16 Oz bottles

Co/Preinjection Fluids

Hydrosol 1– Positive Preinjection

Hydrosol-1 has been completely reformulated as a glutaraldehyde based product. It can be used as either a first injection or a co-injection chemical. **Hydrosol-1** continues to be an excellent body conditioner and drainage aid, but now features greater sanitation from glutaraldehyde, which is many times more effective in killing bacteria than formaldehyde.

Hydrosol-1 enhances the performance of any arterial fluid by improving diffusion of the solution and producing a natural lifelike appearance from the cosmetic oils.

As a first injection fluid, dilute eight ounces of **Hydrosol-1** per gallon of water at room temperature. As a co-injection fluid, use two to four ounces with a glutaraldehyde base fluid, like Landrol Arterial Fluid, per gallon of water. Otherwise, use four to six ounces with formaldehyde concentrates per gallon of water.



Ordering Information:

Hydrosol I – Product No. 04170

Arterial Fluids

Artex

Artex Arterial Fluid is a 30 index fluid formulated with a complex blend of buffering agents that aid in controlling the surface tension of the body. With Natural Complexion Dye added to this solution, a body with superior lifelike texture and cosmetic appearance results. **Artex** can be added to the last 1/2 gallon of the Circol solution for added firmness.



Hydrolan-A - Arterial Fluid (with Lanolin)

Hydrolan-A is a unique combination of Hydrol preservative chemicals and water soluble pure lanolin. Our research department has spent much time and effort in developing a product that fully utilizes lanolin's unusual capacity for softening and "moisturizing" tissue, but prevents the emollient from interfering with the penetration and distribution of the preserving chemicals. In fact, by controlling the molecular size of the chemical, we have been able to obtain perfect diffusion of both lanolin and the preservatives through the capillary wall.

Once in the tissue, the lanolin goes to work providing a moisture shield that prevents the possibility of dehydration and insures a lifelike freshness to the skin. The preservatives, through water vapor pressure and osmosis, rapidly diffuse evenly and completely to insure positive and lasting protection against all forms of bacteria.



Ordering Information:

Artex - Product No. 04160
Hydrolan - Product No. 04180

Arterial Fluids

Hy-Vis

Hy-Vis and the wonderful results obtained are due to what we term MOLECULE MANAGEMENT. **Hy-Vis** is the answer to the age-old problem of preservation without dehydration. Normally, dehydration results from gravitation of fluid to the lower parts of the body. The formaldehyde in the fluid absorbs moisture from the tissue of the upper body as it gravitates. The only way to solve this problem is to remove the effects of gravitation, and Hydrol chemists have done just that!!

Hy-Vis has been compounded with a special ingredient containing large locking molecules. These molecules pass freely through the arteries, but because of their size, resist passing freely through the fine network of capillaries. The resistance given by these large molecules in the capillaries tends to counteract the gravitational pull on the fluid. The result is that by means of MOLECULE MANAGEMENT, we have locked the fluid in the arteries with no chance of dehydration by gravitation.



Hydrolite – High Index and High Firming

Hydrolite is the strongest fluid on the market today. Used in normal solution, it makes a hard body. Its chemical composition, however, is such that a wide degree of dilution is possible. **Hydrolite's** great strength makes this an ideal fluid for dropsical cases, for bodies which are to be shipped long distances, and for bodies which are to be retained in receiving vaults for long periods.

Hydrolite has a medium quick action and many embalmers prefer a fluid that "sets" the body quickly.

Some embalmers using milder fluids for earlier injections find the use of **Hydrolite** on the last half-gallon gives them a desired degree of firmness soon after the injection is made.

Many embalmers prefer **Hydrolite** because one bottle of **Hydrolite** equals two bottles of many lesser quality fluids in preserving strength.



Ordering Information:

Hy-Vis – Product No. 04110
Hydrolite - Product No. 04140

Arterial Fluids

Velva-Glo – Semi-Hardening Flexible Lifelike

Velva-Glo offers the maximum of perfection in cosmetic and preserving results. It is formulated to give a flexible body with minimum rigidity. **Velva-Glo** is not a non-hardening fluid, but so designed that minimum firmness and maximum preservation is obtained.

Velva-Glo's slow action permits full distribution of the fluid before the tissues are set, insuring thorough saturation.

Velva-Glo is absolutely non-coagulating. An interesting feature of this fluid is its action on the blood. Harsh, quick-acting fluids lose their potency or power after contact with the blood for several hours. This is because the formaldehyde is consumed. With **Velva-Glo**, tests which we have made show the formaldehyde maintains its full power after days of contact with blood, while such tests made with harsh, quick-acting fluids show the formaldehyde entirely disappears.

Velva-Glo is a non-desiccating, non-burning fluid which offers the utmost in perfect embalming. While **Velva-Glo** is desirable for all cases, it produces exceptional results when used for women and children.



Ordering Information:

Velva-Glo - Product No. 04120

Arterial Fluids

Saturol – Tissue Gas Chemical and Arterial Fluid

Saturol solves a problem confronting embalmers today; that of successfully embalming cases where tissue gas is present. Tissue gas is found in many cases of drowning, cases with gangrenous tissue; and in sudden death and suicide cases where embalming is often delayed.

Tissue gas is caused by the welchil bacteria. The pressure of the gas prevents adequate penetration of regular arterial fluids. **Saturol** saturates the tissue with a quick acting and deep penetrating diffusing chemical, containing a proven sanitizer against the welchil bacteria.

The following information should be noted for additional uses of **Saturol**.

On encountering a blockage during embalming, two to three ounces of **Saturol** added to the solution is all that is needed to help clear the area.

When embalming difficult cases, **Saturol** can be added to the solution or used by itself as an arterial solution.



Ordering Information:

Saturol - Product No. 04040

Arterial Fluids

Nature-Glo – All Purpose Arterial Fluid

Nature-Glo cosmetic arterial fluid needs no introduction to the funeral profession. Used by thousands of leading embalmers, **Nature-Glo** has long been considered the finest quality, arterial chemical. Its economy, measured preservative power, uniformity and superb cosmetic appeal are well known factors of merit.

Nature-Glo is non-congealing in order to insure maximum drainage and penetration. It has a neutralizing effect on body acids. The remarkable cosmetic effect obtained with **Nature-Glo** is due to the fact that the coloring chemical distributes uniformly to every part of the body. Formaldehyde index is 30, with control chemicals to give maximum preservation and cosmetic effect.

Nature-Glo is a fool-proof fluid, perfectly balanced. Our test embalmers have abused **Nature-Glo** by injecting in extreme proportions, but in each case embalmed, the results have exceeded even our expectations. **Nature-Glo** is a proven product, as our many thousands of users will testify. From the Atlantic to the Pacific, Hydrol users have found in **Nature-Glo** the medium of improved embalming.

Proper control of preservatives insures medium slow action. The body will not be exceedingly firm, yet perfect preservation will be found in every part of the body. The color chemicals cannot pile up because ordinary arterial dyes are not used.

Here is a fluid which will stand the test of light. In daylight or artificial light you will find no variation. The light rays themselves are a factor in producing the glow which **Nature-Glo** gives to each case.

Nature-Glo is readily identified by its golden tint.

With the addition of Edema-Pro, an accessory chemical, **Nature-Glo** can be used to extract edematous body fluids, or strengthened with Saturool for use on problem cases such as frozen bodies or trauma cases.

This is a fluid that no prep room should be without.



Ordering Information:

Nature-Glo - Product No. 04130

Arterial Fluids

Landrol II with Glutaraldehyde

Landrol II arterial fluid is the same unique blend of preservatives (Glutaraldehyde and Formaldehyde), pure lanolin, surfactants and emulsifiers as Landrol. A special opaque ingredient aids in the distribution of color.

This opaque ingredient combined with our Natural Complexion Dye (rose/red) gives an outstanding lifelike cosmetic effect.

Landrol II also contains a chemical that increases the action of the preservatives. **Landrol II** sets up quicker and penetrates deeper with the skin texture and appearance retaining the cosmetic appearance desired.

Landrol II when used with Hydrosol-1 or hypHe gives you maximum drainage, as its action does not congeal drainage like many arterial fluids do.

Penetrol

Penetrol Arterial Fluid like Artex blends formaldehyde, buffers, surfactants, other essential ingredients and Natural Complexion Dye to create a unique 36 index arterial solution. This formulation enhances biocide activity and provides a naturally balanced fluid that limits the effects of tissue dehydration. **Penetrol** can be added to all other arterial solutions to increase tissue firmness.



Ordering Information:

Landrol II – Product No. 04150
Penetrol - Product No. 04100

Cavity Fluids

Thorol – Mildly Scented Cavity Fluid

Thorol is a mild scented 32 index cavity fluid with a reliable formaldehyde base. Its pleasant faint oil-of-wintergreen odor is achieved by combining formaldehyde with another chemical in loose formation. When the fluid is exposed to tissue in the body, the formaldehyde is freed for preserving action.

Historically, formaldehyde-based cavity fluids out-perform other types because the vapor pressure of formaldehyde assures maximum penetration.

Thorol should be used full strength without diluting for cases where excessive putrefactive gases have already formed in cavities. In cool climates for normal deaths, and where no unusual amount of gas is present, 16 ounces of water may be added to each concentrated bottle of **Thorol**.

One bottle of **Thorol** is usually sufficient to preserve the cavities of bodies up to 150 pounds. Where abnormal conditions exist, sufficient **Thorol** should be used to insure thorough distribution and saturation.



Ordering Information:

Thorol – Product No. 04030

Cavity Fluids

Hypost

Hypost is a triple-base cavity chemical that is odor-free, yet packs more preservative power than the usual formaldehyde or glutaraldehyde solutions offered by other chemical manufacturers.

Lab tests and embalming tests have confirmed the effectiveness of **Hypost** as a deep penetrating preservative, out-performing current competitive cavity fluids.

Hypost is particularly effective against viruses, fungi, and infective pathogens. It deodorizes and preserves the trunk cavities instantly, and firms visceral tissue without extreme rigidity. **Hypost** also inhibits the formation of gas in the body.

And best of all, **Hypost** is almost totally free of chemical odor, making it easy and comfortable to work with even in the hottest weather. **Hypost** truly represents a giant step forward in embalming technique.



Ordering Information:

Hypost – Product No. 04060

Cavity Fluids

Cavicle – Fumeless Cavity Fluid

Cavicle, developed by Hydrol Research, is a highly effective, yet fumeless cavity fluid for the professional embalmer.

Cavicle is a triple-based cavity fluid that is quietly powerful. It gives you excellent penetration from the point of the trocar, and reliable preservation. Its three active preservatives give you greater effectiveness against the broad spectrum of antibiotics and drugs that are known to occasionally debilitate formaldehyde.

The unusual characteristic of **Cavicle** is that it does not have the annoying odor and fumes that frequently are present in other cavity fluids.

Cavicle is the perfect answer for a posted case. It gives you the preservation without the problems usually caused by having a substantial amount of cavity fluid exposed to the atmosphere.

Further, **Cavicle** is an effective bleach when used in a surface pack.



Ordering Information:

Cavicle – Product No. 04050

Cavity Fluids

Nitrol - Post Mortem and Cavity Chemical

Nitrol post mortem and cavity chemical should be used when the case appears hopeless with tissue gas, or gangrene legs or dropsical liquids, the only one fluid which can be counted on to absolutely give preservation. It has won its reputation because of the thousands of difficult cases it has successfully preserved.

We often hear from embalmers who have preserved floaters and other extremely difficult cases, and they invariably praise the high strength of **Nitrol**. Here is a chemical which is economical to use, and on most normal cases it can be diluted with water. The high formaldehyde index of 32 indicates its great strength, and in addition, there are added potent, powerful vaporizing chemicals to aid in penetration and spreading.

On posted cases, place the viscera in a container and pour a bottle of **Nitrol** over the organs. You will quickly see its powerful action. No matter what the difficulty is, you have a super-tool in **Nitrol**.

Nitro! is excellent for the normal case although designed with the difficult case in mind. No matter what the cause of death, most embalming troubles arise from the abdominal and thoracic cavities. We recommend the use of Nitro! on all cases to insure absolute preservation.

We are unable to mask **Nitrol's** strength with deodorizing chemicals. Reasonable care to avoid spilling the chemical and the use of water with **Nitrol** on posted cases will retard the formaldehyde fumes.

Nitrol post mortem and cavity chemical, as with all other Hydrol fluids, **Nitrol** is made of the finest U.S.P. and C.P. grade chemicals.



Ordering Information:

Nitrol - Product No. 04020

Cavity Fluids

Super 50 - The Most Powerful Cavity Fluid Made

Super-50 is a new, double strength cavity chemical formulated from an entirely new type of formaldehyde, absolutely anhydrous, which means it contains no water.

This new method of manufacturing formaldehyde passes the formaldehyde gas directly into alcohol where formerly water was used. By the elimination of the water, we are able to formulate a much higher index cavity fluid than ever before possible.

Super-50, in addition to the new type of formaldehyde, contains disinfecting and penetrating chemicals designed to give maximum preservation of the cavities. Thus, **Super-50** is formulated with 100% active chemical ingredients.

Most embalmers' difficulties in preservation occur in the cavities. On the difficult case it can be readily seen that by injecting pure chemical, without water, the maximum efficiency can be obtained. 90% of the tissues are water and only pure chemical should be injected when a preservation problem is encountered.

Super-50 when diluted with water can be used on most ordinary cases. A bottle of ordinary 22 index cavity fluid contains 5.4 ounces of water in the concentrated bottle. This is more than one-third of the bottle.



Ordering Information:

Super 50 - Product No. 04010

Specialty

Cadisol – ESCO Substitution for Phenox

Cadisol is a specialized tissue cauterant formulated to dry, bleach, disinfect and preserve denuded areas (abrasions, skin grafts, anti-mortem and post-mortem discolorations). It may be applied hypodermically or by surface pack.



Hexaphene MA-22 – ESCO Substitution for Vis-Cote Gel

Hexaphene MA-22 is Hexaphene Chemistry but in a heavier mass and more viscous form. It is the perfect material for treating certain conditions. A mass of **Hexaphene MA-22** placed inside a rubber or plastic stocking is all that is required for treating dropsical or edematous lower limbs. The limb will be thoroughly embalmed and

Dehydrated. The upper limbs may be treated by an external application of **Hexaphene MA-22** covered with a thin vinyl or saran wrap. **MA-22** will hold the covering material securely intact permitting the body to be dressed over the treated area. There will be no odor or leakage. Traumatic conditions, cancer, gangrene, etc. may be effectively treated by a simple external application of **MA-22**.



Ordering Information:

Cadisol – Product No. 20035
Hexaphene MA22 – Product No. 21834

Tissue Builder

Tissue Builder - Chemical Magic for Body Appearance

We take pride in the fact that **Hydrol Tissue Builder** was originally developed and patented by our research laboratory. Through the years, Tissue Builder has become an everyday term in almost every preparation room in the country. It has been one of the most significant contributions to the embalming profession in this century.

Hydrol Tissue Builder enables any embalmer to quickly perform a miracle in restoring a body to natural appearance. Just a few ounces of Tissue Builder injected hypodermically can return the features to the fullness of life.

Most of the chemical companies have endeavored to copy **Hydrol Tissue Builder**, but no one has succeeded in matching its results. Our manufacturing techniques and specially prepared raw materials keep **Hydrol Tissue Builder** unique. It will outperform any other imitation on the market today. There is only one genuine **Hydrol Tissue Builder**.

Famous **Hydrol Tissue Builder** is a liquid that quickly forms a gel when injected hypodermically filling out sunken, emaciated tissue. It restores natural features and contours, and is especially effective in building the delicate tissues of the eyes, lips, and temples. Tissue Builder does not spot the skin and seals needle punctures.

There are two important points where **Hydrol Tissue Builder** should be used on every case. These points are the face and the hands. Some embalmers have found that the hands deserve as much care as the face, and **Hydrol Tissue Builder** will do much to improve their appearance. The fingers should be individually injected, while the back of the hand should be injected at several points to give life-like fullness.



Ordering Information:

Tissue Builder:
Pint - Product No. 20020
Quart - Product No. 20732
Gallon - Product No. 20700

Sanapron Paper Products

Sanapron Aprons and Sheets

What is Dura-Weve?

Dura-Weve consists of several layers of soft wet strength towel grade tissue reinforced by a network of rayon threads. The threads are laminated between the various layers with a gluing agent resulting in a combination of softness and strength.

Waterproof: In order to make Dura-Weve even more efficient, it has been coated on one side with polyethylene. Dura-Weve is used in all of our Sanapron Disposable Paper Products.

Sanapron Sheets

Disposable Sheets; 40 "x 90 " , material is absorbent on one side and waterproof on the other.

Sanapron Aprons

Disposable aprons; 25" x 40", material is absorbent on one side and waterproof on the other.



Ordering Information:

Sheets – 12/box Product No. 30608
Aprons – 25/box Product No. 40607

Discontinued Products – Substitution List

<u>Hydrol Product</u>	<u>ESCO Product</u>	<u>ESCO Product No.</u>
Biosol	Epic Conditioner	03010
Cavamine	Cavrex	03030
Dynamol	Lithol CR	03041
Edemx	Edema-Pro	23025
Hyco	Epic 25	03004
Hydrotone	EPIC Drainage	03000
HyFlo	Circol	03022
Hy-Phe	Sofner	03023
Hytek	Cavrex	03030
Jaundrol	Calsec and Hexy	03020 / 01818
Lanolin Oil	Epic Conditioner	03010
Orabalm	No Substituion	N/A
Phenox	Cadisol	20035
Primal	Epic Drainage	03000
Rx-4	Epic 18	03002
Tiss-U-Tone	Epic Conditioner	03010
Ultra-Glo	Rex 36	01802
Vis-Cote Gel	Hexaphene MA 22	21834