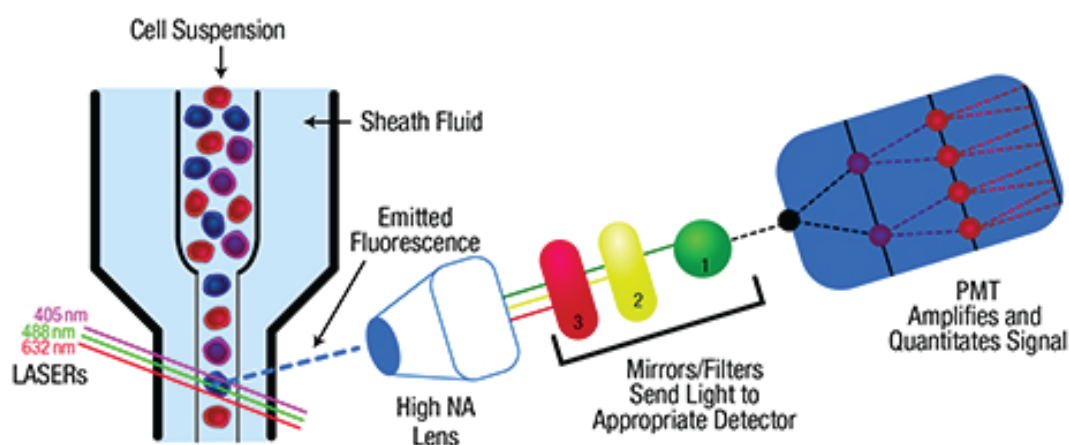


# Sheath Fluid & Cytometry Workflow Solutions

Leinco Technologies offers ClearFlow™ Sheath Fluid, ClearSort™ Sorting Solutions, ClearFlow™ Sheath Fluid with a Surfactant, HEPES Buffered Saline for cell sorting, and our PBS formulas which are all isotonic buffered solutions specially formulated to optimally transport cells through the fluidic pathways of instrumentation such as flow cytometers and cell sorters. Because of the complex hydrodynamic focusing technology of the instrumentation and depending on your experimental needs, choosing the correct sheath fluid solution is an important decision for a flow cytometry core manager or lab manager responsible for the optimal performance of their labs instrumentation.



**The solutions that power hundreds of core facilities.**

## Sterile cell sorting applications

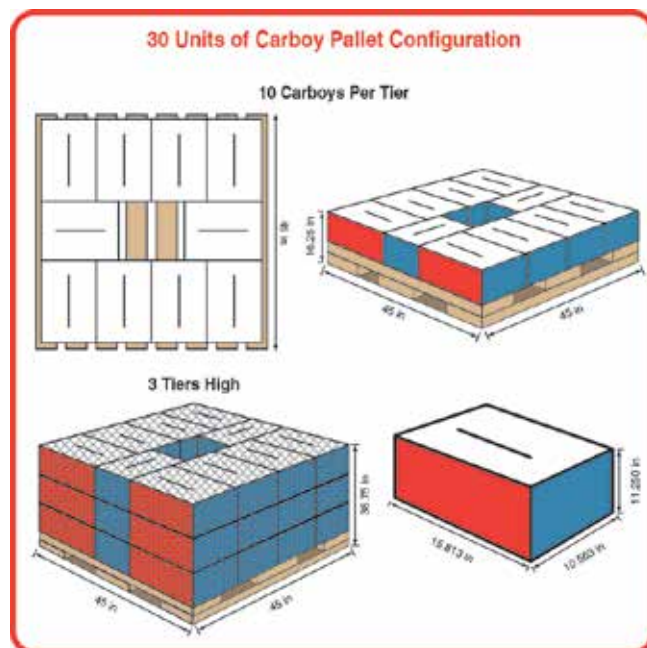
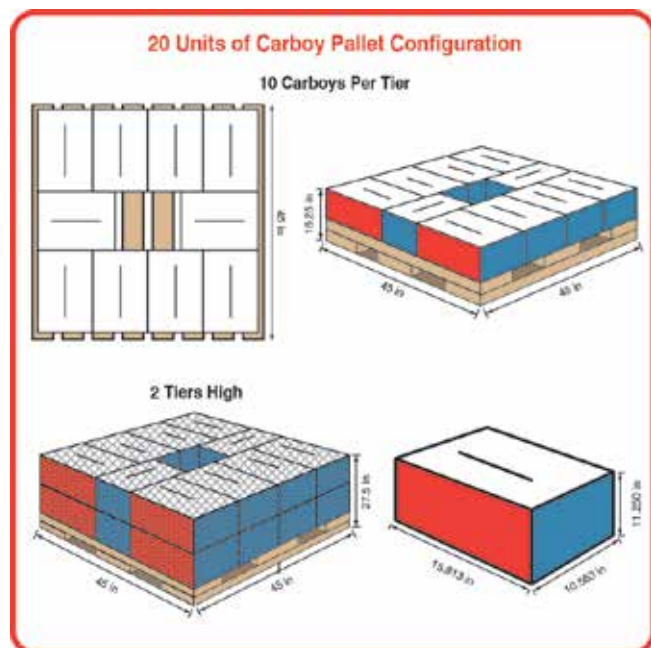
Leinco Technologies offers multiple solutions for cell sorting applications where cell recovery after sorting is critical. Our most popular formulation is our ClearSort Formulation, specialized and designed for flow cytometry cell sorting. Our specialty HEPES buffered saline works excellently and is particularly useful for high-pressure cell sorting as HEPES controls the pH better at high pressure compared to phosphate buffers. Because of this, we have also shown that HEPES buffered saline can help with post-sort cell viability for specific cell types and experimental needs.

## For Flow Cytometry Analysis Applications

Leinco's sheath fluids for analysis contain mild preservatives to protect the instrumentation and core facility from contaminations. For high throughput screening (HTC) instruments developed by companies like Propel, Bio-Rad, and BD, we have developed a great sheath fluid product with a surfactant, helping keep the system flowing by reducing the surface tension. All our sheath products are manufactured in our ISO 9001:2015 (class 10,000) biological clean rooms. The products are ultra-filtered to ensure low particulate count, minimize fluorescence background, and guarantee a higher signal-to-noise ratio.

## Pallet Shipping Option to save up to 80% on Shipping

Leinco offers pallet shipping sizes and automatic shipping options every month to streamline the supply of these critical reagents. Our unique Pallet20 (20 Units) or Pallet30 (30 units) order volumes maximize the shipping savings with freight carriers and provide further product discounts.



Product	Prod. No.
10X ClearFlow™ Sheath Fluid	S622
1X ClearFlow™ Sheath Fluid	S621
ClearFlow™ Sheath Fluid with Surfactant	S644
10X DPBS, no calcium, no magnesium	D388
10X Fixative Buffer	F1194
10X Preservative Free ClearSort™ Sheath Fluid	S632
1X ClearSort™ Saline Solution NS	P373
1X Preservative Free ClearSort™ Sheath Fluid	S648
7-AAD Viability Staining Solution	A431
FCM Staining Buffer (BSA) (10X)	F1175
HEPES buffered saline with EDTA (10X)	H1679
Human RealStain Fc Block Solution	R5151
PBS, 10X Sterile	P349
PBS, 1X Sterile	P364
Propidium iodide (PI)	P367
RBC Lysing Buffer 'Ready to Use'	R1364

Vist our website for more formats and part numbers!

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