

# Glycosil<sup>®</sup> Vial, 1.0 mL

Catalog Number: GS222

## OVERVIEW

Glycosil<sup>®</sup> (thiol-modified sodium hyaluronate) is packaged in 1 mL vials containing 10 mg. Vials are blanketed by nitrogen and under a slight vacuum.

## STORAGE

**Glycosil:** Store Glycosil in the original vial, unopened, at -20°C for up to one year. Do not uncap the Glycosil vials since they will crosslink in the presence of oxygen. Use a syringe and needle to add DG Water and remove product from the vials through the septum.

Note: It is recommended to reconstitute each vial in its entirety.

## INSTRUCTIONS FOR USE

Glycosil is prepared by dissolving the lyophilized solid in the DG Water (or any sterile, degassed, deionized water). When reconstituted, it will be in 1x phosphate buffered saline (PBS), pH ~7.4. The amount of DG Water used for dissolution will depend on the vial.

Glycosil should be prepared in the following manner:

1. Allow the Glycosil vial to come to room temperature.
2. Under aseptic conditions, using a syringe and needle, add 1 mL of DG Water to the Glycosil vial.
3. Place the vial horizontally on a rocker or shaker. It will take <40 minutes for the solids to fully dissolve. Warming to 37°C and/or gently vortexing will speed up dissolving time. Solutions will be clear and slightly viscous.
4. Use with Extralink<sup>®</sup> or Extralink-Lite to form a hydrogel.
5. Typically, crosslinkers are used in a 1:4 volume ratio with the polymer (i.e. 1.0 mL of Glycosil is crosslinked with 0.25 mL Extralink-Lite; or 0.5 mL Glycosil combined with 0.5 mL Gelin-S<sup>®</sup> is crosslinked with 0.25 mL Extralink). Note: The gelation time will be shorter for gels not incorporating Gelin-S. Hydrogels made using only Glycosil will not support cell attachment. Use with Gelin-S for cell attachment.

Note: Each kit component has been manufactured under aseptic conditions and tested for bacteria and fungus.

## PRODUCT WARRANTY

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