



### SYNBIOS® MINERAL OIL

#### GENERAL INFORMATION ON USE

SYNBIOS® Mineral Oil is pre-washed, ready to use, light mineral oil (d=0.83-0.86g/ml) for use in IVF, ICSI and related artificial reproductive techniques. SYNBIOS® Mineral Oil has to be pre-incubated for 5 hours in an incubator at 37°C .

#### MATERIALS SUPPLIED

100 mL SYNBIOS® Mineral Oil (Ref: MO10100).

#### MATERIALS REQUIRED BUT NOT SUPPLIED

Test tubes & culture dishes; Oocyte and embryo handling pipettes; Laminar flow/Biological hoods, Stereo & Inverted Microscopes; Incubators, and other ART Lab equipment. Others include: SYNBIOS® culture, sperm; Gamete, Flush, PVP and Hyaluronidase media

#### SPECIFICATIONS AND QUALITY CONTROL

Density: 0.83-0.86g/ml  
Viscosity: < 30 cP at 30°C  
Endotoxin: < 0.25 EU/ml  
Peroxide Value (POV): < 0.1 mEq/kg  
Sterility: SAL 10<sup>-3</sup>  
Mouse embryo assay: ≥ 80% blastocysts after 120 hours in culture. Use of pharmaceutical grade mineral (paraffin) oil. A certificate of analysis and MSDS are available upon request

#### STORAGE AND CONSERVATION

Store SYNBIOS® Mineral Oil between 2-8°C. Do not freeze before use. Keep the product in original packaging and shield from light/ sun. The product can be used for 28 days after opening when sterile conditions are maintained and stored at room temperature. Do not use after expiry date. Content cannot be re-sterilized after opening. Do not use the product if it becomes cloudy or shows any evidence of microbial contamination. Do not use the product if seal of the container is opened or defect when the product is delivered.

#### CAUTION

Mineral Oil exposed to the elements or above 8°C for >8 hours may be unfit for use for human ART treatment due to possible formation of toxic free radicals and products of putrefaction.

#### DISCLAIMER:

This product is manufactured in compliance with the GMP quality standards. Every effort has been taken to ensure quality of the product. We have no control over the products during transport. Shippers are aware of cold-chain protocol. Product could be damaged for any reason during transport. End users must ensure products received are in good condition by internal QC/QA procedures prior to use.

#### WARNINGS AND PRECAUTIONS

All human, organic material should be considered potentially infectious. Handle all specimens as if capable of transmitting HIV or hepatitis. Always wear protective clothing when handling specimens. Always work under strict aseptic conditions to avoid contamination. The oil may appear cloudy if removed from incubator and allowed to stand at room temperature for extended periods of time. Such cloudiness usually disappears if the oil is re-equilibrated by replacing it in the incubator for several hours, if it does not disappear discard the product.

#### INSTRUCTIONS FOR USE

SYNBIOS® Mineral Oil is pre-washed so no further preparations are necessary.  
If you want to equilibrate and wash the oil with medium please apply your own SOP for the same.

|  |  |  |  |
|--|--|--|--|
|  |  | <p><b>Good Laboratory Practices</b></p> <p>ART Lab personnel are urged to adhere to Good Laboratory Practices (GLP) for optimizing the treatment outcome. Dishes must not be out of incubator for more than 3 mins at any one time.</p> <p><b>Note: This product is classified as a medical device. US Federal Law restricts its sale by or on order of a physician (Rx only).</b></p> <p>Custom-produced under GMP quality standards</p> <p>For ANDROCRYOGENICS, Malaysia</p> <p><a href="http://www.synbiosmedia.com">www.synbiosmedia.com</a></p> <p>Email: <a href="mailto:synbios@synbiosmedia.com">synbios@synbiosmedia.com</a></p> <p>© SYNBIOS <span style="float: right;">May 2020</span></p> | <p style="text-align: center;">786</p> <p style="text-align: center;"><b>SYNBIOS<sup>®</sup> MINERAL OIL</b></p> <p style="text-align: center;"><b>20 Years of Research</b></p> <p style="text-align: center;"><b>Ensures Optimal Performance</b></p> <p style="text-align: center;"><b>SYNBIOS<sup>®</sup> MEDIA</b><br/>Safety. Performance. Innovation</p> <p style="text-align: center;"><b>GMP-Manufactured</b></p> <p>Mineral oil for formulation for use in IVF, ICSI and related artificial reproductive techniques.</p> <p><b>Ref: 100 mL MO10100</b></p> <p>SYNBIOS<sup>®</sup> MINERAL OIL is sterilized by sterile filtration.</p> |
|--|--|--|--|