1. PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER
Vitrolife Sweden AB
Web: www.vitrolife.com
Gustaf Werners gata 2, SE-421 32
Västra Frölunda, Sweden (visiting address).
Box 9080, SE-400 92
Göteborg, Sweden (postal address).
Customer Service: +46 31 721 8000

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Not expected to be an eye irritant but can cause temporary discomfort.
SKIN: Not expected to be a skin irritant.
INGESTION: Ingestion is not considered a potential route of exposure.
INHALATION: Not expected to be an inhalation irritant.
COMMENTS: Causes a slippery surface when spilled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPERMGRAD</td>
<td>100</td>
</tr>
</tbody>
</table>

COMMENTS: Bicarbonate and HEPES buffered medium containing silane-coated, colloid silica particles. For gradient sperm separation.

4. FIRST AID MEASURES

EYES: After initial flushing, remove any contact lenses and continue flushing.
SKIN: Non-toxic. Rinse with water.
INGESTION: Ingestion is not considered a potential route of exposure.
INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Will not burn.
EXPLOSION HAZARDS: Material will not burn.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid, clean and dry area to prevent slipping.
7. **HANDLING AND STORAGE**

**HANDLING:** Use care in handling/storage. Use aseptic working techniques at all times.

**STORAGE TEMPERATURE:** +2°C (35.6°F) Minimum to +8°C (46.4°F) Maximum

**Notes:** Do not store at temperatures above +8°C. Close container after each use.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** No special ventilation requirements.

**PERSONAL PROTECTIVE EQUIPMENT**

**SKIN:** None

**RESPIRATORY:** None

**OTHER USE PRECAUTIONS:** None

9. **PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** None

**COLOR:** Colorless

**FLASH POINT AND METHOD:** Not Applicable

**AUTOIGNITION TEMPERATURE:** Not Applicable

10. **STABILITY AND REACTIVITY**

**STABILITY:** Stable.

11. **TOXICOLOGICAL INFORMATION**

**COMMENTS:** No information available.

12. **ECOLOGICAL INFORMATION**

**COMMENTS:** No information available.

13. **DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. **TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PRIMARY HAZARD CLASS/DIVISION:** Non-Hazardous

**LABEL:** SPERMGRAD

**OTHER SHIPPING INFORMATION:** Cool packs needed for transportation.

15. **REGULATORY INFORMATION**

**UNITED STATES**
16. OTHER INFORMATION

REASON FOR ISSUE: Official

APPROVED BY: Hans Lehmann    TITLE: QA Manager

PREPARED BY: Eva Kroon    Date Revised: 07/05/2018

INFORMATION CONTACT: Dr A-H Jakobsson

REVISION SUMMARY: This SDS replaces the 06/01/2015 SDS. Revised: Section 1: 24 HR. EMERGENCY TELEPHONE NUMBERS.

ADDITIONAL MSDS INFORMATION: The data in this Safety Data Sheet relates only to the specific material designated herein.

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