

# SAFETY DATA SHEET



**Date Issued :** 06/01/2015  
**MSDS No :** SpermGrad  
**Date Revised :** 07/05/2018  
**Revision No :** 4

## 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

Chemical Name	Wt. %
SPERMGRAD	100

**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**

**FDA (FOOD AND DRUG ADMINISTRATION):** 510 (k) K023403.

**COMMENTS** No information available.

## 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.

**MANUFACTURER DISCLAIMER:** This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Vitrolife Sweden AB. The data on this sheet are related only to the specific material designated herein. Vitrolife Sweden AB assumes no legal responsibility for use or reliance upon these data.