

# SAFETY DATA SHEET



**Date Issued :** 06/01/2015  
**MSDS No :** SpermFreeze Solution  
**Date Revised :** 07/05/2018  
**Revision No :** 2

## 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:** Can cause severe eye irritation.
- 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.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%
SpermFreeze Solution	100

**COMMENTS:** Bicarbonate and MOPS buffered medium containing human serum albumin and gentamicin. For cryopreservation of human sperm.

## 4. FIRST AID MEASURES

- EYES:** After initial flushing, remove any contact lenses and repeat 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:** Keep from freezing. 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:** SpermFreeze Solution

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

**15. REGULATORY INFORMATION**

**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.

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