

SAFETY DATA SHEET



Date issued : 06/01/2015
SDS number : SpermGrad
Date revised : 06/27/2023
Revision number : 5

1. Identification

Manufacturer / Supplier

Vitrolife Sweden AB
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2. Hazard identification

Potential health effects

Eye: 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	% w/w
SPERMGRAD	100

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

4. First-aid measures

Eye: 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

Suitable 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

Precautions for safe 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

Appropriate engineering controls: No special ventilation requirements.

Individual protection measures, such as personal protective equipment

Skin protection - hand protection: None

Respiratory protection: None

Other use precautions: None

9. Physical and chemical properties

Physical state: Liquid

Color: Colorless

Odor: None

Flash point: Not Applicable

Auto-ignition temperature: Not Applicable

10. Stability and reactivity

Chemical stability: Stable.

11. Toxicological information

Comments: No information available.

12. Ecological information

Comments: No information available.

13. Disposal considerations

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

14. Transport information

USA Department of Transport Regulations (DOT)

Transport hazard class(es): Non-Hazardous

Hazard label: SPERMGRAD

DOT 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: Lars Ketilsson **Title:** QA manager

Prepared by: Ida Andersson **Date revised:** 06/27/2023

Information contact: Kristina Franziska Schildauer

Revision summary: This SDS replaces the 07/05/2018 SDS. Revised: **Section 1:** Approved by, Information contact, Prepared by, Title.

Additional SDS information: The data in this Safety Data Sheet relates only to the specific material designated herein.

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