
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : SpermFreeze
Product use : Medium for freezing human semen
Distributor : FertiPro N.V.
Industriepark Noord 32
B-8730 Beernem
Belgium
For emergency information : 32 50 79 18 05

2. COMPOSITION / INFORMATION ON THE COMPONENTS

Product formal name: cell culture medium

Product components:	Component	CAS-code	Approx. %
	Water	7732-18-5	85%
	Glycerine	56-81-5	15%
	NaCl	7647-14-5	< 1%
	KCl	7447-40-7	< 1%
	MgSO ₄	7487-88-9	< 1%
	NaH ₂ PO ₄ ·2H ₂ O	13472-35-0	< 1%
	Sucrose	57-50-1	< 2%
	Glycine	56-40-6	< 1%
	Glucose monohydrate	14431-43-7	< 1%
	HEPES	7365-45-9	< 2%
	NaHCO ₃	144-55-8	< 1%
	Ca-lactate	41372-22-9	< 1%
	Human serum albumin	70024-90-7	0.4%

3. HAZARD IDENTIFICATION

Sodium chloride : Irritating to eyes, respiratory system and skin.
Ca-lactate : Irritating to eyes, respiratory system and skin.
Taurine : Irritating to eyes, respiratory system and skin.
KCl : Irritating to eyes, respiratory system and skin.
Glycerine : Irritating to eyes and skin.

4. FIRST AID MEASURES

Inhalation : not a likely source of exposure.
Eyes : irritating.
Skin : irritating.
Ingestion : toxic in high doses.

Obtain medical attention if any discomfort should occur.

5. FIRE FIGHTING MEASURES

Flash point	:	none
Extinguishing media	:	not applicable
Special fire fighting procedure	:	not applicable
Unusual fire and explosion hazards	:	not applicable

6. ACCIDENTAL RELEASE MEASURES

Rinse spill area with water.

7. HANDLING AND STORAGE

Store refrigerated at 2-8°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Wear safety goggles. Wear rubber gloves. Avoid contact with skin, eyes and clothing. Avoid inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour	:	white/yellow transparent liquid, odourless
Solubility in water	:	complete

10. STABILITY AND REACTIVITY

Stability	:	stable
Incompatibility	:	none known

11. TOXICOLOGICAL INFORMATION

NaCl, KCl, Ca-lactate, Taurine	:	may be harmful by inhalation, ingestion, or skin absorption. Cause eye irritation. Causes skin irritation. Material is irritating to mucous membranes and upper respiratory tract.
Glycerine	:	may be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation. Material may be respiratory tract. Prolonged exposure can cause: nausea, headache and vomiting.
Human serum albumin	:	the plasma manufactured at the Red Cross which is the source for the human serum albumin is tested for anti-HIV 1, anti-HIV 2, anti-HCV and HbsAG. The albumin responds to all the conditions for the Belgian Health authority regarding safety.

12. ECOLOGICAL INFORMATION

No known ecological damage.

13. DISPOSAL

Dispose with laboratory waste.

14. TRANSPORT INFORMATION

Not classified as Hazardous for Transport.

15. REGULATORY INFORMATION

This product does not contain any ingredients which have been determined to be health hazards pursuant to U.S. OSHA regulations, and which comprise 1% or more (0.1% for carcinogens) of the mixture.

16. OTHER INFORMATION

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must take independent determinations of the suitability and completeness of information from all other sources to assure proper use and disposal of these materials and the safety and health of employees and customers. FertiPro N.V. shall not be held liable for any damage resulting from handling or from contact with its products.