



Safety Data Sheet

Complies Regulation (EC) No. 1907/2006 (REACH), Annex II,
modified according to Regulation (EC) 453/2010 - Europe

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SemenHos

1. Identification of the substance/mixture and of the supplier

Product name: SemenHos
Article number: ZR106020
Application: Seminal hypo-osmotic test
In vitro diagnostics
Manufacturer: ANTIGENES GmbH, Römerstraße 20-22, 58332 Schwelm
Homepage: www.antigenes.de
E-Mail: info@antigenes.de
Distribution: ANTIGENES GmbH, Römerstraße 20-22, 58332 Schwelm
Emergency call: For Germany
 +49 (0) 551 - 19240 Giftinformationszentrum Nord

2. Hazards

2.1 Classification and labeling

Classification according to Regulation (EC) No. 1272/2008. Classification according to Directive 67/548 / EEC or Directive 1999/45 / EC. Labeling according to Regulation (EC) No. 1272/2008. The substance / product is classified and labeled according to the CLP Regulation.

Fructose

Special risks and safety tips

No R- and S-phrases

Hazard and safety instructions

No H- and P-phrases

Citric acid



Harmful

Special risks and safety tips

R36 Irritating to eyes.

Hazard and safety instructions

H319 Causes serious eye irritation.

P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

2.2 Other hazard statements

All chemicals are potentially dangerous. They are therefore only be handled by specially trained personnel with the necessary care.

3. Composition/ingredients

Component	Reagents	CAS-Code	Quantity %
Solution 1	Fructose	57-48-7	<2 %
	Citric acid	77-92-9	<1 %
	H ₂ O	7732-18-5	>97 %

4. First aid measures

4.1 Description of first aid measures

After inhalation of dusts: supply fresh air; if any symptoms occur seek medical advice.

After skin contact: wash with water.

After eye contact: rinse with open eyelid for 10 minutes under running water and seek medical advice.

After swallowing: rinse mouth and then drink water.

If symptoms persist seek medical advice.

4.2 The most important acute and delayed symptoms and effects

Cause irritation, cough, stomach and intestinal disorders

4.3 Indication of immediate medical attention and special treatment

No further relevant information available

5. Fire fighting measures**5.1 Extinguishing media**

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Unsuitable extinguishing agents: for this substance / mixture no limitations of extinguishing agents are known.

5.2 Special hazards arising from the substance or mixture

Product non-combustible.

Ambient fire may liberate hazardous vapors.

In case of fire can be released: Carbon monoxide and carbon

5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin and eye contact. Do not breathe dust.

6.2 Environmental precautions

Do not flush into sewers or waterways.

6.3 Methods and material for containment and cleaning up

Pick up mechanically. Dispose of the captured material properly. Clean the area with gloves and masks with water and dry thoroughly. Air the room. Wash coat and contaminated clothing.

7. Handling and storage

Store at cold temperatures (2-8°C).

8. Exposure controls/personal protection

Wear gloves, mask and coat while handling during the execution. Avoid smoking and acting with high heat-generating appliances.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

	Solution 1
Aggregate state	liquid
Color	colorless
Odor	odorless
Melting point	not determined
Boiling point	not determined
Inflammability	not determined
Firing point	not determined
Steam pressure	not determined
Relative density	not determined
Solubility	not determined
Viscosity	not determined
Explosive properties	not determined
Oxidizing properties	not determined
Explosion limits	not determined

9.2 Other information: None**10. Stability and reactivity**

	Solution 1
Reactivity	the product has not been tested
Chemical stability	stable when properly stored and handled
Thermal decomposition / conditions to be avoided	no decomposition if used according to specifications
Possibility of hazardous reactions	reactions with strong oxidizing agents
Conditions to avoid	avoid strong heating no further relevant information available
Incompatible materials	oxidizing agents
Hazardous decomposition products	carbon monoxide and carbon dioxide, nitrous gases, hydrogen chloride (HCl)

11. Toxicological information (based on individual ingredients of the solution(s))**Citric acid****Dangerous health effects****Primary irritation:**

On the skin: repeated or prolonged contact may cause irritation.

On the eye: strong irritation. Risk of corneal opacity.

After inhalation: irritation to the respiratory tract. After swallowing large quantities: Irritations in the mouth, throat, esophagus, Intestinal tract, gastrointestinal disorders and / or vomiting.

Sensitization: no sensitizing effects known.

Specific target organ toxicity

In the case of single exposure: the substance or mixture is classified as non-target organ toxic for single exposure.

In case of repeated exposure: The substance or mixture is not classified as a target organ toxicant on repeated exposure.

Fructose**Dangerous health effects**

Acute toxicity: Quantitative data on the toxicity of this product are not available.

Primary irritation:

Skin: no data available.

On the eye: no data available.

After inhalation: no data available.

Sensitization: no sensitizing effects known.

Additional toxicological information: The product does not have any harmful effects according to our experience and the information provided to us in the case of proper handling and intended use. The substance is not subject to identification due to the EC lists in the most recent version.

Further information: The product must be handled with the care necessary with chemicals.

12. Ecological information

Potential damages unknown. Do not empty into drains / groundwater / soil.

13. Disposal considerations

Used solutions and solutions that are past life must be disposed of as hazardous waste, it is to follow the local guidelines; do not release to drains, groundwater and/or soil.

14. Transport information

Not classified in transport of dangerous goods.

15. Regulatory information**15.1 Safety, health and environmental regulations/specific legislation for the substances or mixture.**

National regulations: no

Restriction of occupation: no

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

16. Other information

All chemicals are potentially dangerous. Therefore, they have to be handled only by specially trained personnel with the necessary care. Although certain hazards are described herein, we cannot guarantee that these are the only hazards. This information is based on our present knowledge; however, it offers no assurance of product properties and establishes no contract legal rights. To our experience and the information provided the product does not have any harmful effects when used and handled according to specifications.