

Material Safety Data Sheet
Document no: MSDS-37

Product: **Acidified Tyrodes Solution** **Page 1 / 2**

Date first created: 2008/07/21 **Version 3** **Date revised: 2010/08/27**

1. Identification of Substance/Preparation and of the Company

Product name:	Acidified Tyrodes Solution	Manufacturer:	ORIGIO a/s
Cat. No.:	1060		Knardrupvej 2
Product use:	For chemical drilling of the Zona Pellucida to facilitate hatching or removal of blastomeres in conjunction with PGD (pre- implantation genetic diagnosis)		DK-2760 Måløv +45 46 79 02 00

2. Composition / Information on Ingredients

Component	CAS#	Approx. %
Water		>95
Sodium Chloride	7647-14-5	<1
Polyvinylpyrrolidone	9003-39-8	<1
Glucose	50-99-7	<0.1
Potassium Chloride	7447-40-7	<0.1
Calcium Chloride	10035-04-8	<0.1
Sodium Hydrogen Phosphate	7558-80-7	<0.01
Magnesium Chloride	7791-18-6	<0.01

3. Hazard Identification

The product is not classified as hazardous according to EU Directive 67/548/EEC.

4. First-Aid Measures

Inhalation:	Remove to fresh air. If breathing becomes difficult, call a physician
Ingestion:	Wash out mouth with water. If swallowed consult a physician.
Skin:	Wash with soap and water after each contact.
Eyes:	Flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. If irritation occurs, consult a physician.

5. Fire Fighting Measures

Fire:	Emits toxic fumes under fire conditions.
Extinguishing media:	Dry chemical, foam, carbon dioxide or water spray.
Special fire fighting procedure:	Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Absorb on sand or vermiculite and place in appropriate containers for removal and disposal. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Store in original container at 2-8°C, protected from light. Do not freeze.

8. Exposure Controls/Personal Protection

Avoid contact with skin and eyes. Wear rubber gloves.

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9. Physiological and Chemical properties

Appearance:	A colourless viscous liquid
Odour:	Odourless
Boiling point:	N/A
Vapour Pressure:	N/A
Specific Gravity:	N/A
Vapour Density:	N/A
Melting Point:	N/A
Solubility H ₂ O:	complete
Evaporation Rate:	N/A
Flash Point:	None

10. Stability and Reactivity

Stability:	Stable
Hazardous Decomposition or by-products:	None known
Hazardous polymerisation:	Not expected to occur

11. Toxicological Information

No information available.

12. Ecological Information

No known ecological damage.

13. Disposal Considerations

Disposal must be according to applicable federal, state, or local regulations.

14. Transportation Information

Not classified as hazardous for transport.

15. Regulatory Information

The product has been evaluated in accordance with EU Directive 67/548/EEC. The product has not been classified as hazardous.

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. MediCult a/s shall not be held liable for any damage resulting from handling or from contact with its products.