



MATERIAL SAFETY DATA SHEET

I	PRODUCT IDENTIFICATION	
	Trade Name	QwikCheck™ DILUENT for Fresh Bull Semen
	Product Number	4405
II	COMPOSITION	
	Contains Earle's Balanced Salt Solution (Beit Ha'emek catalog # 02-10-1E, CAS # None).	
III	HAZARDS IDENTIFICATION	
	Not hazardous according to Directive 67/548/EEC.	
IV	FIRST AID MEASURES	
	Inhalation	Remove to fresh air. Seek medical attention if symptoms occur.
	Eyes	In case of contact, rinse immediately with plenty of water and seek medical advice. Seek medical attention if symptoms occur.
	Skin	Wash with soap and water after each contact. Seek medical attention if symptoms occur.
	Ingestion	Wash out mouth with water provided the person is conscious. Seek immediate medical attention.
V	FIRE FIGHTING MEASURES	
	Extinguishing Media	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
	Special risks	Emits toxic fumes under fire conditions.
	Special Fire Fighting Procedures	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
VI	ACCIDENTAL RELEASE MEASURES	
	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation. Ventilate area and wash spill site.	
VII	HANDLING AND STORAGE	
	Handling	Avoid inhalation, contact with eyes and skin.
	Conditions of storage	Store at room temperature. Refrigerate after opening. Keep tightly closed. Bring an aliquot to room temperature before use to avoid exposure of the sperm cells to a cold shock. Stable and show no loss of expected performance characteristics after transport/storage over a period of 72 hours at the temperature range of -20°C to +37°C.
VIII	EXPOSURE CONTROLS / PERSONAL PROTECTION	
	Respiratory Protection (type)	Not required.
	Ventilation	Good general ventilation.
	Local Exhaust	NA
	Protective Gloves	Gloves recommended.
	Other Protective	Laboratory coat, eyewash.



	<i>Equipment</i>	
	<i>Measures to be taken to maintain equipment that has been in contact with the materials</i>	<i>Wash equipment with water. Dispose as in item VI above.</i>
	PHYSICAL AND CHEMICAL PROPERTIES	
IX	<i>Appearance</i>	<i>Clear solution of red color</i>
	<i>pH</i>	<i>NA</i>
	<i>Flammability</i>	<i>NA</i>
	<i>Oxidizing properties</i>	<i>NA</i>
	<i>Explosive properties</i>	<i>NA</i>
	<i>Vapor Density</i>	<i>NA</i>
	STABILITY AND REACTIVITY	
X	<i>Stable. Materials to avoid: Strong oxidizing agents. Hazardous polymerization: not known.</i>	
	TOXICOLOGICAL INFORMATION	
XI	<i>Signs and symptoms of exposure</i>	<i>To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</i>
	<i>Route of Exposure</i>	<i>May be harmful if ingested or for prolonged direct topical use. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract.</i>
	DISPOSAL PROCEDURES	
XII	<i>Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.</i>	
	REGULATORY INFORMATION	
XIII	<i>Not hazardous according to Directive 67/548/EEC. Caution: Substance not yet fully tested (EU).</i>	

All information presented above is correct to the best of our knowledge and Medical Electronic Systems does not claim that the information is all-inclusive but recommends that it should be used as a guide. Medical Electronic Systems shall not be held liable for any damage resulting from handling or from contact with the product.