SAFETY DATA SHEET

Section 1: Identification	
Product identifier	QwikCheck™ Vitality Kit
Product number	A-CA-01057-00
Manufacturer/supplier	Medical Electronic Systems 5757 West Century Blvd. Suite #805, Los Angeles, CA 90045 Tel: 310 670-9066 Fax: 310 670-9069 Web: www.mes-global.com
Recommended use	The QwikCheck™ Vitality kit is used to assess the percentage of live spermatozoa in a semen sample. The product is intended for in vitro use only. The kit does not assess sperm motility.
Section 2: Hazard Identification	
Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This product is not classified as dangerous according to Directive 67/548/EEC.
Label elements	The product does not need to be labeled in accordance with EC directives or respective national laws.
Other hazards	None
Section 3: Composition/Information of Ingredients	
Mixtures	• Eosin Y (Sigma-Aldrich, catalog # 119830-25g, CAS # 17372-87-1) - 0.5% • NaCl (Sigma-Aldrich, catalog # S5886-500g, CAS # 7647-14-5) - 0.9%

Section 4: First-Aid Measures

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Eyes: Flush eyes with water as a precaution.
Skin: Wash with soap and water after each contact.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Most important symptoms and effects, both acute and delayed:
The most important known symptoms and effects are described in the labeling (see Section 2) and/or in section 11.

Section 5: Fire-Fighting Measures

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture: Carbon oxides, hydrogen bromide gas.
Advice for firefighters: Wear self contained breathing apparatus for fire-fighting if necessary.
Further information: No data available.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid breathing vapours, mist or gas. For personal protection see section 8.
Environmental precautions: Do not let product enter drains.
Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling: Appropriate exhaust ventilation. Normal measures for preventive fire protection. For precautions see section 2.
Conditions for safe storage, including any incompatibilities: Store at room temperature. Keep containers tightly closed in a dry and well-ventilated place. Stable and show no loss of expected performance characteristics after transport/storage over a period of 72 hours at the temperature range of -20^{0}C to +37^{0}C.

Section 8: Exposure Controls/Personal Protection

Exposure controls: General industrial hygiene practice.

Personal protective equipment
Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards (NIOSH (US) or EN 166(EU).
Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection: Respiratory protection is not required.
Control of environmental exposure: Do not let product enter drains.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

- Appearance Form: liquid
- Odor/Odor Threshold: no data available
- pH: no data available
- Melting point/freezing point: no data available
- Initial boiling point and boiling range: no data available
- Flash point: no data available
- Evaporation rate: no data available
- Flammability (solid, gas): no data available
- Upper/lower flammability or explosive limits: no data available
- Vapor pressure/density: no data available
- Relative density: no data available
- Water solubility: no data available
- Partition coefficient: n-octanol/water: no data available
- Auto-ignition temperature: no data available
- Decomposition temperature: no data available
- Viscosity: no data available
- Explosive properties: no data available
- Oxidizing properties: no data available

Section 10: Stability and Reactivity

Reactivity: no data available
Chemical stability: stable under recommended storage conditions.
Possibility of hazardous reactions: no data available
Conditions to avoid: no data available
Incompatible materials: strong oxidizing agents
Hazardous decomposition products: no data available
Other decomposition products: no data available
In the event of fire: see Section 5

Section 11: Toxicological Information

Information on toxicological effects
Acute toxicity: no data available
Skin corrosion/irritation: no data available
Serious eye damage/eye irritation: no data available
Respiratory or skin sensitisation: no data available
Germ cell mutagenicity: no data available
Carcinogenicity IARC: No component of this product present at levels ≥ 0.1% is identified as probable, possible or a confirmed human carcinogen by IARC.
Reproductive toxicity: no data available
Specific target organ toxicity - single exposure: no data available
Specific target organ toxicity - repeated exposure: no data available
Aspiration hazard: no data available
Additional Information: RTECS: LM5800000
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological information

Toxicity: no data available
Persistence and degradability: no data available
Bioaccumulative potential: no data available
Mobility in soil: no data available
Results of PBT and vPvB assessment: no data available

Other adverse effects: no data available

Section 13: Disposal considerations

According to applicable regulations for aqueous, physiological salt solutions, i.e., open container and flush contents with tap water via a drain into the sewage system according to local community, state or federal regulations.

Section 14: Transport information

UN number:
- ADR/RID: -
- IMDG: -
- IATA: -

UN proper shipping name
- ADR/RID: Not dangerous goods
- IMDG: Not dangerous goods
- IATA: Not dangerous goods

Transport hazard class(es)
- ADR/RID: -
- IMDG: -
- IATA: -

Packaging group
- ADR/RID: -
- IMDG: -
- IATA: -

Environmental hazards
- ADR/RID: no
- IMDG Marine pollutant: no
- IATA: no

Special precautions for user: no data available

Section 15: Regulatory information

This product complies with regulations:

CE: IVD 98\79\EC
FDA: Exempt
Health Canada: # 95280

Section 16: Additional Comments

NA

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.