
SECTION I – PRODUCT IDENTIFICATION

Product Name:	Ingenio™ Electroporation Solution (component of Ingenio Electroporation Kits)
Part#:	MIR 50108, MIR 50109, MIR 50110, MIR 50111, MIR 50112, MIR 50113, MIR 50114, MIR 50115, MIR 50116, MIR 50117, MIR 50118, MIR 50119
Product Use:	Research Laboratory

PRECAUTIONARY LABELING

Ingenio Electroporation Solution components (< 5% by weight) are potentially harmful, although the chemical, physical, and toxicological properties have not been thoroughly investigated. Handle with care, and practice safe laboratory techniques. The information included within this MSDS pertains to water, which is used as a solvent.

SECTION II – COMPONENTS

Component:	Water (solvent)
CAS#:	7732-18-5
Hazard:	N/A
Weight%:	95

SECTION III – PHYSICAL DATA

Appearance:	Clear Solution
Boiling Point:	Unknown
Specific Gravity:	Unknown
Solubility in Water:	Soluble

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Fire Extinguishing Media:	Use water, alcohol foam, dry chemical, carbon dioxide, or halon.
Special Fire-Fighting Procedures:	Avoid breathing vapors. Use self-contained breathing apparatus. Firefighters should wear proper protective equipment.
Unusual Fire and Explosion Hazards:	None

SECTION V – HEALTH HAZARD DATA

TLV:	Unknown
PEL:	N/A
Oral Rat LD₅₀:	N/A
Carcinogenicity:	Unknown

SECTION VI – REACTIVITY DATA

Stability:	Stable
Incompatibilities	Strong oxidizing agents
Hazardous Decomposition	
Products	Carbon monoxide, carbon dioxide

SECTION VII – SPILLS AND DISPOSAL

Spills:	Wear suitable protective equipment. Eliminate ignition sources. Use absorbent material and place in a tightly sealed container for disposal. Flush area with water.
Disposal:	Dispose in accordance with all applicable federal, state, and local regulations.

SECTION VIII – PROTECTIVE EQUIPMENT

Engineering Controls	Safety showers and eye bath
Ventilation:	Local exhaust
Respiratory Protection:	None
Eye/Skin Protection:	Wear safety glasses with side-shields and chemical resistant gloves. Wash thoroughly after handling.

SECTION IX – STORAGE AND HANDLING

Storage Requirements:	Keep container tightly closed. Keep away from sparks, flame, and heat. Avoid contact with eyes, and use adequate ventilation. Store at 4°C. Do not freeze.
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SECTION X – TRANSPORTATION

AIR (ICAO)

Proper Shipping Name:	None
Hazard Class:	This substance is considered non-hazardous for transport
Marine Pollutant	No
Poison Inhalation Hazard:	No
Labels:	Nonflammable Liquid

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