MATERIAL SAFETY DATA SHEET

Section 1: Chemical Identification

Product Name: DNA-In™ CHO Transfection Reagent
Synonyms: N/A
Catalog or Product number: MTI PN: 73780, 73781, 73782 and 73783
Product use: For research use only

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Water: 99.5%
Non hazardous ingredient: 0.5%

Molecular Formula water: H$_2$O
CAS # of water: 7732-18-5

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: Slightly turbid, colorless liquid with no odor. Essentially water. Exposure presents no known hazard.
NFPA Ratings:
  Health = 0
  Flammability = 0
  Reactivity = 0
Primary route(s) of exposure: Ingestion, inhalation, skin and/or eye contact
Symptoms of exposure: unknown, no toxicity expected
Medical conditions aggravated: No data
Additional Information: Not listed by OSHA, IARC, or NTP as carcinogen or potential carcinogen

SECTION 4: FIRST-AID MEASURES

Inhalation: Provide fresh air and contact physician if complaint persists or symptoms develop. If not breathing give artificial respiration. If breathing is difficult give oxygen.
Eye Contact: Flush opened eye with water continuously for several minutes
Skin Contact: Rinse with plenty of water and contact physician if complaint persists or symptoms develop
Ingestion: Contact physician if symptoms develop.
SECTION 5: FIRE FIGHTING MEASURES

General Hazard: Does not present any special hazard and will not burn
Extinguishing media to avoid: None
Special Fire Fighting Procedures: None
Firefighting equipment: Wear NIOSH approved, positive-pressure, self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Environmental precautions: Environmental impact unknown. Dilute with water
Clean-up methods: Absorb any spill with standard spill binder or absorbent material such as universal binder, sawdust etc.

SECTION 7: HANDLING/STORAGE

Handling: Maintain sterile conditions. No other special handling required.
Storage: Keep from freezing. There is no other special storage requirement.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: General ventilation is adequate.
Personal protection: Safety glasses should be worn to protect the eye. Gloves should be used for hand protection. Respiratory protection is not required. If respiratory protection is needed use a NIOSH approved respirator.
Exposure controls: There is no hazardous component in this product

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slightly turbid, colorless liquid
Water: 99.5%
Non hazardous solids 0.5%
Specific Gravity: not determined
Solubility in H2O: soluble
Solidification Point: not determined
Boiling Point: not determined

SECTION 10: STABILITY AND REACTIVITY

Stable under the recommended storage temperature. Product should not come in contact with strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity has not been determined. If used according to the recommendation, and based on the concentration and our experience, the product is not hazardous.

SECTION 12: ECOLOGICAL INFORMATION

Components are biodegradable. No information on ecological effect.
SECTION 13: DISPOSAL CONSIDERATIONS

RCRA code: Not regulated
Special instructions: Disposal of waste should be done in accordance with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT UN: Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA Regulatory status: Non-hazardous
CERCLA reportable quantity: None
SARA extremely hazardous: Not listed
SARA hazard categories: None
SARA toxic chemicals: Not listed
Inventory Status: This chemical is not listed on the US TSCA Chemical Substances Inventory and the Canadian Domestic Substances List.
Toxic Substance Control Act: No specific regulations apply
Controlled Products Regulations: This product has not been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information
WHMIS classification Not a controlled product
State regulations None apply

SECTION 16: OTHER INFORMATION

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