

**SECTION 1: Product and Company Identification****Identification of the substance or mixture**

**Product Name:** Hybridization Neutralizing Solution (1M Tris.HCl (pH 7.4), 1.5M NaCl)  
**Catalog #:** 10373, 10373-1

**Company Identification**

Cepharm Life Sciences Inc.  
11830 W Market Place, Suite K  
Fulton, MD 20759  
USA  
Toll Free: 1-800-257-1565  
Phone: 410-636-4954

**24-hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN 1010970**

**For Research Use Only. Not for use in diagnostic procedures.**

**SECTION 2: Hazards identification****Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**  
Not classified

**GHS Label elements, including precautionary statements**

No labeling applicable

**Hazards not otherwise classified (HNOC) or not covered by GHS**

No additional information available

**SECTION 3: Composition / Information on Ingredients****Substances**

Not applicable

**Mixtures**

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

**SECTION 4: First Aid Measures****Description of first aid measures****If inhaled**

Remove person to fresh air and keep comfortable for breathing.

**In case of skin contact**

Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water.

**In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**If swallowed**

Call a poison center/doctor/physician if you feel unwell.

**Most important symptoms and effects, both acute and delayed**

Symptoms/effects after skin contact: Irritation.  
Symptoms/effects after eye contact: Eye irritation.

**Immediate medical attention and special treatment, if necessary**

Treat symptomatically.

**SECTION 5: Firefighting Measures****Suitable (and unsuitable) extinguishing media**

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

**Specific hazards arising from the chemical**

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

**Special protective equipment and precautions for fire-fighters**

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes.

**For emergency responders**

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Environmental precautions**

Avoid release to the environment.

**Methods for containment**

Methods for cleaning up: Take up liquid spill into absorbent material.  
Other information: Dispose of materials or solid residues at an authorized site.

**Reference to other sections**

For further information refer to section 13.

**SECTION 7: Handling & Storage****Precautions for safe handling**

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes.

**Hygiene measures:**

Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in a well-ventilated place. Keep cool.  
Storage temperature: RT

**SECTION 8: Exposure Controls / Personal Protection****Control parameters**

No additional information available

**Appropriate engineering controls**

Appropriate engineering controls: Ensure good ventilation of the work station.  
Environmental exposure controls: Avoid release to the environment.

**Individual protection measures/Personal protective equipment**

Hand protection: Protective gloves  
Eye protection: Safety glasses  
Skin and body protection: Wear suitable protective clothing  
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

a) Appearance	Form: liquid
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

### Other safety information

No data available

## SECTION 10: Stability & Reactivity

### Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### Incompatible Materials

No additional information available.

### Hazardous decomposition products

No additional information available.

## SECTION 11: Toxicological Information

### Information on toxicological effects

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity – single exposure:	Not classified
Specific target organ toxicity – repeated exposure:	Not classified
Aspiration hazard:	Not classified
Symptoms/effects after skin contact:	Irritation.
Symptoms/effects after eye contact:	Eye irritation

## SECTION 12: Ecological Information

### Toxicity

**Ecology - general:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

### Persistence and degradability

No additional information available

### Bioaccumulative potential

No additional information available

### Mobility in soil

No additional information available

### Other adverse effects

Effect on the global warming: No known effects from this product.

GWPMix comment: No known effects from this product.

## SECTION 13: Disposal Considerations

### Waste treatment methods

Consult a licensed disposal company.

### Contaminated Packaging

Do not re-use empty containers

## SECTION 14: Transport Information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## SECTION 15: Regulatory Information

### US Federal Regulations

No additional information available

### International Regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National Regulations

No additional information available

### US State Regulations

No additional information available

## SECTION 16: Other Information

### Disclaimer:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not represent any guarantee of the properties of the product. Cepham Life Sciences Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.