SAFETY DATE SHEET

The Celltechgen™ UTP (100 mM)

CTG-MT0014	The Celltechgen™ UTP (100 mM) 250ul	ISSUE DATE July 9, 2019

Section1: Identification of the substance/mixture and of the company/undertaking

GHS product identifier : UTP (100 mM)
Other means of identification : Not available.
Product code

Relevant identified uses of the substance or mixture and uses advised against

Use as laboratory reagent. Scientific research and development.

Supplier's details

Celltechgen LLC

14780 Memorial Drive, Suite 210,Houston, TX 77079,United States

Toll-free: 1-877-994-4100

www.celltechgen.com

Email: info@celltechgen.com

Emergency telephone: 1-877-994-4100

SECTION 2: Hazards identification

Australian MSDS Statement : Classified as non-hazardous according to the criteria of Worksafe Australia.

GHS - Classification

Signal word

None

Health hazard

Not Classified

Physical hazards

Not Classified

Hazard statements

Not applicable

Precautionary Statements

Not applicable

European Union

Not classified

EU Specific Hazard Statements

Not applicable

R-phrase(s)

None

S-phrase(s)

None

Principle Routes of Exposure/

Potential Health effects

Eyes	**:**May cause eye irritation with susceptible persons
Skin	**:**May cause skin irritation in susceptible persons.
Inhalation	**:**May be harmful by inhalation
Ingestion.	**:**May be harmful if swallowed.
Specific effects	
Carcinogenic effects	**:**none
Mutagenic effects	**:**none
Reproductive toxicity	**:**none
Sensitisation	**:**none

SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION4:First aid measures

Description of first aid measures

Skin contact	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

Most important symptoms and effects, both acute and delayed

Not applicable

SECTION5:Firefighting measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO2). Foam. Dry chemical.
Special protective equipment for firefighters	Standard procedure for chemical fires.
Specific hazards arising from the chemical	Not known

SECTION 6: Accidental release measures

Personal precautions,

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

Methods and material for containment and cleaning up

Soak up with inert absorbent material

Environmental precautions

No special environmental precautions required.

See Section 12 for additional information.

SECTION 7: Handling and storage

handling

Always wear recommended Personal Protective Equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

storage

Keep in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Exposure Limits	**:** We are not aware of any national exposure limit.
Engineering measures	**:**Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection	**:** In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection	**:**Impervious gloves.
Eye protection	**:** Safety glasses with side-shields.
Skin and Body Protection	**:** Lightweight protective clothing.
Hygiene Measures	**:**Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

S ECTION 9.Physical and chemical properties

General Information

Form	**:**Liquid	
Appearance	**:** No information available	
Odour	**:** No information available	
Odour Threshold	**:** No information available	
Melting point/melting range	**:** ℃ Mixture has not been tested	℉ Mixture has not been tested
Boiling point/boiling range	**:** ℃ Mixture has not been tested	℉ Mixture has not been tested
Flash Point	**:** ℃ Mixture has not been tested	℉ Mixture has not been tested
Autoignition Temperature	**:** ℃ Mixture has not been tested	℉ Mixture has not been tested
Evaporation rate	**:** No date available	
Flammability (solid, gas)	**:** No date available	
Oxidising properties	**:** No date available	
Water Solubility	**:** Mixture has not been tested	
Upper explosion limit	**:** Mixture has not been tested	
Lower explosion limit	**:** Mixture has not been tested	
Partition coefficient: n-octanol/water	**:** No date available	
Vapour Pressure	**:** Mixture has not been tested	
Vapour density	**:** No date available	
Viscosity	**:** No date available	
PH Range	**:** 6-8	
Other information	**:** No data available.	

SECTION 10:Stability and reactivity

Stability	**:** Stable under normal conditions.
Materials to avoid	**:** No dangerous reaction known under conditions of normal use.
Possibility of hazardous reactions	**:** Hazardous reaction has not been reported
Hazardous decomposition products	**:** None under normal use condition.
polymerisation	**:** Hazardous polymerisation does not occur.
Conditions to avoid	**:**None under normal processing.

S ECTION 11:Toxicological information

Acute toxicity

No toxicology information is available.

Principle Routes of Exposure

/ Potential Health effects

Eyes **:**May cause eye irritation with susceptible persons

Skin	**:**May cause skin irritation in susceptible persons.
Inhalation	**:**May be harmful by inhalation
Ingestion.	**:**May be harmful if swallowed.
Carcinogenic effects	**:**none
Mutagenic effects	**:**none
Reproductive toxicity	**:**none
Sensitisation	**:**none

SECTION 12:Ecological information

Ecotoxicity effects	**:** Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility	**:**No information available.
Biodegradation	**:** Inherently biodegradable.
Bioaccumulation	**:** Material does not bioaccumulate

SECTION 13: Disposal considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14:Transport information

IATA

UN number	**:**None
Proper shipping name	**:**Not classified as dangerous in the meaning of transport regulations.
Hazard class(es)	**:**None
Packing group	**:**None
Subsidiary Class	**:**None

S ECTION 15:Regulatory Information

International Inventories

No information available.

Taiwan

This product complies with applicable Taiwan chemical regulations

Korea

This product complies with applicable Korean chemical regulations.

China

This product complies with applicable China chemical regulations

SECTION 16: Other information

Revision date 9-July-2019

Use as laboratory reagent. Scientific research and development.

End of Safety Data Sheet