

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product code** ITSS-10201  
**Product name** ITS Cell Culture Supplement (100x)

## Company/Undertaking Identification

Cyagen Biosciences Inc.  
574 East Weddell Dr, Suite 6  
Sunnyvale, CA 94089, U.S.A.  
Tel: 800-921-8931

For research use only

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous/Non-hazardous Components**

Chemical Name	CAS-No	Weight %
Selenium compounds	none	<0.01

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

**3. HAZARDS IDENTIFICATION****Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health  
May be harmful if swallowed  
May be harmful by inhalation  
May cause eye irritation with susceptible persons

**Form**  
Liquid

### 3. HAZARDS IDENTIFICATION

#### Principle Routes of Exposure/

Eyes  
Skin  
Inhalation  
Ingestion

#### Potential Health effects

May cause eye irritation with susceptible persons.  
No information available  
May be harmful by inhalation.  
May be harmful if swallowed.

#### Specific effects

**Carcinogenic effects**  
**Mutagenic effects**  
**Reproductive toxicity**  
**Sensitization**

No information available  
No information available  
No information available  
No information available

#### Target Organ Effects

No information available

#### HMS

Health	0
Flammability	0
Reactivity	0

### 4. FIRST AID MEASURES

#### **Skin contact**

#### **Eye contact**

#### **Ingestion**

#### **Inhalation**

#### **Notes to physician**

Wash off immediately with plenty of water. If symptoms persist, call a physician.  
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.  
Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.  
Move to fresh air. If symptoms persist, call a physician.  
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### **Suitable extinguishing media**

#### **Special protective equipment for firefighters**

Dry chemical  
Wear self-contained breathing apparatus and protective suit

### 6. ACCIDENTAL RELEASE MEASURES

#### **Personal precautions**

#### **Methods for cleaning up**

Use personal protective equipment  
Soak up with inert absorbent material.

### 7. HANDLING AND STORAGE

#### **Handling**

#### **Storage**

No special handling advice required  
Keep in properly labelled containers

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Occupational exposure controls

#### Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Selenium compounds	-	-	-	-

**Engineering measures**

Ensure adequate ventilation, especially in confined areas

**Personal protective equipment****Respiratory protection**

In case of insufficient ventilation wear suitable respiratory

**Hand protection**

Protective 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**

Prevent product from entering drains.

**9. PHYSICAL AND CHEMICAL PROPERTIES****General Information****Form**

Liquid

**Important Health Safety and Environmental Information****Boiling point/range**

°C No data available

°F No data available

**Melting point/range**

°C No data available

°F No data available

**Flash point**

°C No data available

°F No data available

**Autoignition temperature**

°C No data available

°F No data available

**Oxidizing properties**

No information available

**Water solubility**

soluble

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Materials to avoid**

No information available

**Hazardous decomposition products**

No information available

**Polymerization**

Hazardous polymerisation does not occur.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LD50 (inhalation, rat/mouse)
Selenium compounds	No data available	No data available	No data available

**Principle Routes of Exposure/****Potential Health effects****Eye**

May cause eye irritation with susceptible persons.

**Skin**

No information available

**Inhalation**

May be harmful by inhalation.

**Ingestion**

May be harmful if swallowed.

**Specific effects****Carcinogenic effects****(Long Term Effects)**

No information available

**Mutagenic effects**

No information available

**Reproductive toxicity**

No information available

**Sensitization**

No information available

**Target Orcia Effects**

No information available

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

No information available.

**Mobility**

No information available.

**Biodegradation**

Inherently biodegradable.

**Bioaccumulation**

Does not bioaccumulate.

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations

**14. TRANSPORT INFORMATION****IATA****Proper shipping name**

Not classified as dangerous in the meaning of transport regulations

**Hazard Class**

No information available

**Subsidiary Class**

No information available

**Packing group**

No information available

**UN-No**

No information available

**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	PICCS	ENCS	DSL	NDSL	AICS
Selenium compounds	-	-	-	-	-	-

**U.S. Federal Reциulations****SARA 313**

This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CIFIR 61)**

This product does not contains HAPs.

**U.S. State Reaulations**

Chemical Name	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK	Illinois - RTK	Rhode Island - RTK
Selenium compounds	-	-	-	-	-

**California Proposition 65**

This product does not contain chemicals listed under Proposition 65

**WHMIS hazard class:**

D2B Toxic materials



This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

## 16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

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**End of Safety Data Sheet**