

## **Solid Tumour Growth Supplement**

Cat GGS-JL-0010

Pack size Supplied: 20mls stock solution

ProCell™ Reagents

Patent Pending

**GTIN-13:** 5060174130182

Date of original issue: January 2012

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Revision date: June 2015

## **PRODUCT DESCRIPTION**

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#### **Solid Tumour Growth Supplement**

Is a media additive that greatly improves cell growth and morphology in primary solid tumour cultures by exposing these cells to growth factors and cofactors that are known growth promoters.

#### **Solid Tumour Growth Supplement**

Has a marked stimulatory effect on solid tumour cells. It is a complex mixture containing growth factors and cofactors dissolved in a buffered DMEM medium.

Advantages that will be seen in solid tumour cultures are the following:

- a significant improvement in cell growth
- improved morphology
- a decrease in turn-around times due to better growth

### PROCEDURE

Solid Tumour Growth Supplement is a 10x concentrate, so should be used at an end concentration of 10% v/v in normal foetal calf supplemented culture medium (Hams F10, RPMI, MEM Dulbecco, MEM Earle). Do not use in greater concentrations, as a medium nor as a FCS replacement. Where possible two cultures should be set up per specimen, one supplemented with Solid Tumour Growth Supplement and one without.

### QUALITY CONTROL

All batches are tested on established cell lines, with mitotic index and morphology assessed using phase contrast microscopy.

### STORAGE

Store refrigerated until used. Do not freeze.

Store away from light.

For laboratory research use only.

## **IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY**

**Product:** Cat# GGS-JL-0010 **Solid Tumour Growth Supplement**

A **Laboratory Reagent** for research purposes only. **Strictly Not for Human Therapeutic Use**

#### **Company details:**

Genial Genetics

The Printworks

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## **COMPOSITION AND COMPONENT DATA**

Proprietary product (Patent pending): containing a mixture of growth factors and cofactors dissolved in a buffered MEM medium.

### HAZARDS IDENTIFICATION

Non-hazardous

## FIRST-AID MEASURES

### AFTER INHALATION

Remove from exposure, if difficulty in breathing is experienced seek medical advice.

### AFTER EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

### AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. If ingested - Give large quantities of water. Seek medical advice.

### AFTER SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

## FIRE FIGHTING MEASURES

Not applicable

### ACCIDENTAL RELEASE MEASURES

Wear a lab coat and rubber gloves, wipe with paper tissues and place in plastic bag for proper disposal.

### HANDLING AND STORAGE

Keep container tightly closed when not in use.

Stored in dark container at 4°C

Correctly stored product is stable at 4°C for 12 months.

## EXPOSURE CONTROL AND PERSONAL PROTECTION

Only work in a Class 2 Biological Safety Cabinet

Always wear a lab coat and rubber gloves.

Wash hands after handling.

### PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear pink-red liquid

Boiling Point: As for water (prepared working solution)

Vapour Pressure (pascals): As for water (prepared working solution)

Specific Gravity: 1.0 (Water = 1) (prepared working solution)

Flashpoint: N/A

Flammability Limits (%): N/A

### TOXICOLOGICAL INFORMATION

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. May be a mild irritant.

Not a known carcinogen.

### STABILITY AND REACTIVITY

Stable under normal conditions.

Avoid strong oxidising agents.

## ECOLOGICAL INFORMATION

### **Toxicology**

No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### DISPOSAL CONSIDERATIONS

Use approved government contractor.

Observe all International, National, State and Local environmental laws.

### **Contaminated packaging**

Dispose of as unused product.

## TRANSPORT INFORMATION

Does not contain DOT classified ingredients.

Not regulated as a hazardous material.

## REGULATORY INFORMATION

S 36/ 37 – Wear suitable protective clothing and gloves  
S 7/ 47 – Keep container tightly closed and at temperature not exceeding 4°C

### OTHER INFORMATION

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Genial Genetic Solutions Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.