

## **Enzymatic Instrument Cleaner (EIC)**

Cat GG-CSECS

MSDS – Total 3 pages

Pack size supplied: 20ml sachet to be prepared with 2000ml water.

**GTIN-13:** 5060174130168

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# MultiPrep™ Reagents

## **PRODUCT DESCRIPTION**

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Enzymatic Instrument Cleaner (EIC) is a low-foaming and non-corrosive bactericidal multi-enzyme detergent, which once diluted (1 part per 100 parts of water) is used to flush the aspiration system within the MultiPrep™ Genie and CellSprint instruments. The diluted detergent dissolves and removes proteinaceous material and other organic based material.

It is a green liquid with a floral or neutral fragrance.

### STORAGE

Store in a cool, dry place away from direct sunlight and not below 0°C or above 30°C.

This is a **Laboratory Detergent** for laboratory research and cleaning use only.

## **IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER**

**Product:** Cat# GG-CSECS **Enzymatic instrument cleaner** for use with MultiPrep™ Genie and MultiPrep™ CellSprint™ systems. A **Laboratory Detergent** for research and cleaning purposes only. **Strictly Not for Human Therapeutic Use**

### **Company details:**

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## **COMPOSITION AND COMPONENT DATA**

Multi enzyme cleaner containing Protease, Amylase, and Lipase.

### HAZARDS IDENTIFICATION

Complies with directives 67/548/EEC, 1999/45/EC and all their amendments.

Not classified as hazardous, product contains enzymes. May produce an allergic reaction

## **FIRST-AID MEASURES**

### AFTER INHALATION

Non-toxic: avoid long-term inhalation. Remove to fresh air.

### AFTER EYE CONTACT

Immediately flush eyes with plenty of water for at least 10 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. If ingested - Give large quantities of water. **Do not induce vomiting.** In all cases seek medical attention immediately.

### AFTER SKIN CONTACT

Immediately flush skin with plenty of soap and water for at least 10 minutes while removing contaminated clothing and shoes. Avoid prolonged skin contact. Wash clothing before reuse.

## FIRE FIGHTING MEASURES

The product is not considered to be a fire hazard.

Suitable methods of extinction: Water, dry powder or carbon dioxide.

Protective equipment must be worn by fire fighters.

### SPECIAL RISKS

Burning of residue produces irritating fumes.

### ACCIDENTAL RELEASE MEASURES

Flush to drain with copious water or soak up onto inert material and dispose of with clinical waste.

### HANDLING AND STORAGE

Safe handling by trained professional staff in accordance with label instructions only. Not to be mixed with other chemicals.

Conditions of Storage: Safe handling by trained professional staff in accordance with label instructions only. Not to be mixed with other chemicals. Keep lidded when not in use.

## EXPOSURE CONTROL AND PERSONAL PROTECTION

Always wear a lab coat and rubber gloves and glasses.

Wash hands after handling.

### PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Physical State: Green liquid with floral or neutral fragrance.

Boiling Point: ca 100°C

Vapour Pressure (Pascal's): N/A

Specific Gravity: Weighted average: 1.03 @ 20°C Water = 1)

Flashpoint: N/A

Flammability Limits (%): N/A

Solubility in Water (at 20°C): Soluble

### TOXICOLOGICAL INFORMATION

May degrease skin leading to dryness as a result of excessive contact.

### STABILITY AND REACTIVITY

No decomposition if stored correctly, no hazardous decomposition under normal use.

## ECOLOGICAL INFORMATION

### **Toxicology**

No data available

### **Persistence and degradability**

The product is readily biodegradable

### **Bioaccumulative potential**

No known adverse effects from normal use.

### **Other adverse effects**

No data available

### DISPOSAL CONSIDERATIONS

Small volumes of unwanted product may be flushed with water down the sewer, for large volumes follow state and local disposal regulations may differ from federal disposal regulations. Can be disposed of in normal waste in accordance with local authority guidelines. Dispose of container and unused contents in accordance with federal, state and local requirements.

Use approved government contractor.

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

### **Contaminated packaging**

Dispose of as unused product.

## TRANSPORT INFORMATION

Not classified as dangerous for transport.

## REGULATORY INFORMATION

Not a licensed medicine.

S24/ S25 – Avoid contact with skin and eyes

S39 – Wear eye/face protection

S50 – Do not mix with other chemicals

H315 – Causes skin irritation

H319 – Causes serious eye irritation

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 – May cause respiratory irritation

R42 – May cause sensitization by inhalation

## 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.