

## **MATERIAL SAFETY DATA SHEET (MSDS 040/94/EEC)**

### **Fetal Cell Detection Kit – Counterstain Reagent**

#### **1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

##### **1.1 Identification of the Preparation:**

Counterstain for the Fetal Cell Detection Kit also known as the Kleihauer Kit

##### **1.2 Company Identification:**

Guest Medical, Enterprise Way, Edenbridge, Kent TN8 6EW

**1.3 Telephone Number:** 01732 867 466

**International Access Code** +44 (0) 1698 749368

**Contact Name:** Roger Wakeford-Brown, Scientific Director

#### **2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

**2.1 Chemical Name:** Counterstain Reagent. Contains **Erythrosin B**.  
Other chemicals are non-hazardous

**2.2 Synonym:** Aizen Erythrosine, Calcocid Erythrosine N

**2.3 Chemical Family:** Stain

**2.4 Formula:**  $C_{20}H_{6}I_4O_5Na_2$

**2.5 CAS Number:** 568638

**2.6 EINECS Number:** 568-63-8

#### **3. HAZARDS IDENTIFICATION**

**Hazard:** Mild irritant

##### **3.1 Health Effects of Solution:**

Effect on Skin: Mild irritant to skin after lengthy exposure

Effect on Eyes: Eye irritant

Effect on Ingestion: None

Effect on inhalation: None

#### **4. FIRST AID MEASURES**

Eye Contact: Irrigate thoroughly with water for 10 minutes

Skin Contact: Drench with copious volumes of water

Ingestion: Unlikely to present any problems. If patient feels unwell  
SEEK MEDICAL ADVICE  
Do not induce vomiting

Inhalation: None required

## **5. FIRE FIGHTING MEASURES**

### **5.1 Special Fire or Explosion Hazards:**

None

### **5.2 Suitable extinguishing Media:**

Water spray, Carbon dioxide, Dry Chemical Powder or appropriate foam

### **5.3 Other Recommendations:**

None

## **6. ACCIDENTAL RELEASE MEASURES**

Mop up with copious volumes of water and run to waste providing local regulations permit

## **7. HANDLING AND STORAGE**

### **7.1 Recommended Storage Conditions:**

Store reagent at room temperature. There are no special storage conditions

### **7.2 Recommended Handling Precautions:**

Use gloves (rubber or latex) when using

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1 Respiratory Protection:**

Not required

### **8.2 Ventilation:**

Not required

### **8.3 Eye Protection:**

Not required

### **8.4 Skin Protection:**

Wear gloves at all times

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Red fluid
Odour:	None
pH:	6.00 – 8.00
Solubility:	Fluid reagent
Oxidising Properties:	None
Flash Point:	N/A
Flammability:	N/A
Autoflammability:	N/A
Explosion Properties:	N/A

## **10. STABILITY AND REACTIVITY**

### **10.1 Conditions to Avoid:**

None

### **10.2 Materials to Avoid:**

None

**11. TOXICOLOGICAL INFORMATION**

Route of entry:  
Inhalation: None  
Ingestion: Unlikely to be a problem  
Skin and Eye Contact: Mild irritant only

Toxicological Data: None  
Acute Toxicity: N/A  
Carcinogenicity: Non-carcinogenic

**12. ECOLOGICAL INFORMATION**

No known environmental problems

**13. DISPOSAL INFORMATION**

Run to waste with copious volumes of water providing local regulations permit

**14. TRANSPORT INFORMATION**

No special requirements

**15. REGULATORY INFORMATION**

Label for Supply: No special symbol  
Risk Phrases: R36/38  
Safety Phrases: S24/25  
Regulatory References: None

**16 OTHER INFORMATION**

THIS REAGENT PRESENTS AS A MILD IRRITANT

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