

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006  
Version 1.0 Revision Date: Monday, 17 Sep 2012

### 1. IDENTIFICATION OF THE SUBSTANCE

**Product name:** Cyxi™ Green DNA Stain

**Product Number:** GREEN-1500-01

**Company:**

Fluorogenics Ltd  
227 Tetricus Science Park  
Dstl Porton Down  
Salisbury  
Wiltshire SP4 0JQ.  
United Kingdom  
Fluorogenics Ltd is registered in the UK company number 7754376.

Telephone : +44 (0)2380 972 030

Fax : +44 (0)1722 638 022

Emergency Phone: +44 (0)7981 269 351

E-mail address : info@fluorogenics.co.uk

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**

Not a hazardous substance or mixture (Regulation (EC) No 1272/2008)

Not a hazardous substance or mixture (EC-directives 67/548/EEC or 1999/45/EC)

**Label:** The product does not need to be labelled in accordance with EC directives or respective national laws.

**Other hazards:** None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

### 4. FIRST AID

<b>Eye:</b>	In case of contact, immediately flush eyes with copious amounts of water for 15 minutes. Seek medical attention.
<b>Skin:</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Seek medical attention if symptoms occur.
<b>Inhalation:</b>	If inhaled, remove to fresh air and seek medical attention. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
<b>Ingestion:</b>	If swallowed, wash out mouth with water provided person is conscious. Seek medical attention

## 5. FIRE-FIGHTING MEASURES

### General information

As in any fire wear a self-contained breathing apparatus if necessary.

### Extinguishing Media

Water spray, Carbon dioxide, dry chemical powder & foam.

## 6. ACCIDENTAL RELEASE MEASURES

### General information

Use proper protective equipment.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

**Handling:** Avoid contact with the eyes, skin and clothing. Use personal protective measures for handling including impermeable gloves.

**User exposure:** Avoid inhalation. Use personal protective equipment including lab coat, impermeable gloves.

**Conditions for safe storage:** Keep container unopened in a dry and well-ventilated place. Keep containers tightly closed in a cool, well ventilated place. Recommended storage temperature: -20 °C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

### **Wash and dry hands.**

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### **Body Protection**

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### **Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Orange liquid.

## 10. STABILITY AND REACTIVITY

Store at -20°C. Unstable at ambient storage temperatures.

## 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity**

no data available

### **Skin corrosion/irritation**

no data available

### **Serious eye damage/eye irritation**

no data available

### **Respiratory or skin sensitization**

no data available

Possibly mutagenic and carcinogenic. This chemical has not been fully characterised.  
Information refers to the main component.

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Potential health effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**12. ECOLOGICAL INFORMATION**

Unknown

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to local/regional disposal instructions.

**14. TRANSPORT INFORMATION**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**15. REGULATORY INFORMATION**

According to Regulation (EC) No. 1907/2006

**16. OTHER INFORMATION**

This formation should be used in conjunction with an end-user assessment of risk. Avoid strong oxidizing agents, Strong acids, Acid chlorides, Strong reducing agents, Phosphorus halides. The above information is believed to be correct and should only be used as a guide. Fluorogenics Ltd shall not be held liable for any damage resulting from handling, contact or inappropriate use of the product. Please refer to the instructions for use.