

# **MATERIAL SAFETY DATA SHEET**

**Microzone Limited**

DATE PRODUCED: January 2011

## **1. CHEMICAL IDENTIFICATION:**

**DNAMITE Bacterial/Plasmid Kit**  
**DNAMITE Plant Kit**  
**DNAMITE Tissue Kit**

## **2. COMPOSITION:**

Solution LA: Cell lysis solution - Proprietary Mix  
Solution PA: Protein Denaturation solution - Proprietary Mix  
Solution CA: microCLEANg - Proprietary Mix  
Proteinase K 20 mg/ml  
RNase A 10 mg/ml

## **3. HAZARDS IDENTIFICATION:**

### **LABEL PRECAUTIONARY STATEMENTS**

Harmful  
Harmful if swallowed  
Harmful to eyes, respiratory system and skin.  
Irritant, irritating to eyes, respiratory system and skin.

## **4. FIRST-AID MEASURES:**

In case of contact with eyes, immediately flush eyes with copious amounts of water for at least 15 minutes.  
In case of contact with skin, immediately wash skin with soap and copious amounts of water.  
If inhaled, remove to fresh air and monitor breathing. If not breathing give artificial respiration. If breathing is difficult, give oxygen.  
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## **5. HANDLING AND STORAGE:**

**This product should be handled only by those persons who have been trained in laboratory techniques and that it is used in accordance with the principles of good laboratory practice.**  
**Storage conditions at room temperature.**

## **6. PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance and odour  
Colourless semi-viscous liquids.

## **7. STABILITY AND REACTIVITY:**

### **STABILITY**

Stable

### **INCOMPATIBILITIES**

Strong oxidising agents

### **HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS**

Toxic fumes of: Carbon Monoxide, Carbon Dioxide.

## **8. TOXICOLOGICAL INFORMATION:**

May be harmful by inhalation, ingestion or skin absorption.  
Vapour is irritating to eyes, mucous membranes and upper respiratory tract.  
Skin irritation. The toxicological properties have not been thoroughly investigated.

## **9. ECOLOGICAL INFORMATION:**

Data not yet available.

## **10. TRANSPORT INFORMATION:**

**Non-hazardous for road, sea and air freight**

## **11. REGULATORY INFORMATION:**

### **EUROPEAN INFORMATION**

Harmful R22  
Harmful if swallowed R41  
Irritant (R 36/37/38)  
Irritating to eyes, respiratory system and skin (S 26)  
Risk of serious damage to eyes (S 36)  
In case of contact with eyes, rinse immediately with copious amounts of water and seek medical advice  
Wear suitable protective clothing

4 Heath Square  
Boltro Road  
Haywards Heath  
West Sussex  
RH16 1BL  
UK

Phone: +44 (0)1444 452 679

Fax: +44 (0)1444 441 534

Email: [info@microzone.co.uk](mailto:info@microzone.co.uk)

Internet: [www.microzone.co.uk](http://www.microzone.co.uk)