



## 1. Identification of the Product and the Undertaking

**Product Name:** 10 Minutes DNA Release Kit 1-7  
**Product Catalog#:** JZ-001-JZ-007  
**MSDA#:** 2001001  
**In Case of Emergency: CHEMTREC:**  
800-424-9300  
**OUTSIDE US:**  
202-483-7616

**Supplier and / or Manufacture Contact:**

Jacksun Easy Biotech.  
2316 Gunther Avenue  
Bronx, New York 10469  
Tel.: 718-502-6829  
Fax: 718-513-0385

## 2. Hazards Identification

**Physical State:** Liquid  
**OSHA/HCS Status:** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). There is valuable information to the safe handling and proper use of the product in this MSDS. The MSDS should be retained and available for employees and other users of this product.

**Overview for Emergency:** There are no expectations for significant adverse health effects when the recommended instructions for use of this product are followed. No known significant effects or critical hazards present. Avoid prolonged contact with eyes, skin and clothing.

**Routes of entry:** Skin, eye contact. inhalation.

**Potential Health Effect:** **The Acute:** No known significant or critical effect.  
Skin: No known significant or critical effect.  
Eyes: No known significant or critical effect.  
Inhalation: No known significant or critical effect.  
**The Chronic:** No known significant or critical effect.  
Carcinogenicity: No known significant or critical effect.  
Mutagenicity: No known significant or critical effect.  
Teratogenicity: No known significant or critical effect.  
Development effect: No known significant or critical effect.  
Fertility effect: No known significant or critical effect.

**Over-exposure symptoms:** Inhalation: No specific data.  
Skin: No specific data.  
Eyes: No specific data.



### 3. Composition/Information on Ingredient

The hazards identified with the integrant of the kits are not associated with the following substances:

Substance	Percent in these kits
Alcohol	None
Sodium azide	None
Thimerosal	None
2-Mercaptoethanol	None
DDT	None
Mammalian Genomic DNA	None
Any toxicity compounds	None

### 4. First aid measures

**General Information:** No special measures required.

**Skin contact:** It shouldn't damage the skin when the skin is contaminated for less than 20 minutes. Flush the contaminated skin with clean water and remove contaminated clothing. For prolonged exposure, consult a physician.

**Eye contact:** It shouldn't damage the eyes for contamination within 1-2 minutes. Immediately flush eyes with water for 1-2 minutes. For prolonged exposure, consult a Physician.

### 5. Fire-fighting measures

There are no flammables in this kit.

### 6. Accidental release measures

**Personal precautions:** No action should be taken involving any risk or without suitable training.

**Environmental precautions:** Just use the water to clean the spilled area and material. It is unnecessary to do any special cleaning.

### 7. Handling and storage

**Handling:** Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in area where this material is handed, stored and processed. Workers should wash face and hands before eating, drinking and smoking.

**Storage:** Store in accordance with local regulation. Store in original container protected from direct sunlight, cool and well-ventilated area, away from incompatible material and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.



## 8. Physical and chemical properties

Physical status: Liquid.

Color: Clear Colorless.

Working ph: 6-8.5

Solubility: Easily soluble in water.

## 9. Stability and reactivity

Chemical stability: The product is stable and no hazardous polymerization will occur under normal conditions of storage and use.

Conditions to avoid: No specific data.

Incompatible materials: No specific data.

Hazardous decomposition produce: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Possible of hazardous reaction: Will not occur.

## 10. Toxicological Information

Teratogenicity: Not available

Reproductive: Not available

## 11. Ecological information

Environmental effects: No known significant effect and/or critical hazards.

Aquatic ecotoxicity: Not available.

Other adverse effects: No known significant effect.

## 12. Disposal consideration

Waste disposal: General garbage in biologic research.

Hazardous Waste: Not necessary to be considered hazardous garbage

## 13. Transport Information

**General transport: By land, air or maritime.**

## 14. Regulation information

The product is not subject to identification regulations pertaining to regulation hazardous material.

## 15. Other information

Risk phrase: R21-harmful in contact with skin.

R20/21/22-harmful in contact with skin and if swallowed.

R34-causes burns.

R36/37/38-irritating to eyes, respiratory system and skin.

The material safety sheet is based on:



- (1) Directive 1999/45/EC of the European Parliament of The Council of 31 May 1999.
- (2) U.S Occupational Safety and Health Administration Code of Federal Regulation, Title 29, Parts 1910.

## **16. MSDS processing information**

The MSDS issued by the Section of Customer Service Center.  
For the MSDS to be contact by the Section of Customer Service Center

**Revision: 1**

**End of the MSDS**