

## **AquaPlasmid Solution**

### **MATERIAL SAFETY DATA SHEET**

TRADE NAME: AquaPlasmid™ Solution

DATE OF ISSUE: May 23, 2007

### **SECTION I: PRODUCT AND MANUFACTURER INFORMATION**

TRADE NAME: AquaPlasmid™ Solution

MultiTarget Pharmaceuticals, LLC  
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DATE PREPARED: 05-23-2007

### **SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS**

SYNONYMS: AquaPlasmid™, plasmid DNA isolation solution

CHEMICAL CHARACTERIZATION: Proprietary aqueous solution of non-hazardous chemicals.

HAZARDOUS COMPONENT: None.

### **SECTION III: HAZARD IDENTIFICATION**

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

### **SECTION IV: FIRST AID MEASURES**

IF EYE CONTACT: Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of eyes by separating the eyelids with fingers.

IF SKIN CONTACT: Immediately wash skin with soap and copious amounts of water.

IF SWALLOWED: Wash out mouth with water provided person is conscious. Call a physician.

### **SECTION V: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding fire conditions.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

### **SECTION VI: ACCIDENTAL RELEASE MEASURES**

PRECAUTIONARY MEASURES: Wear self-contained breathing apparatus, chemical safety goggles, rubber boots, and heavy rubber gloves.

CLEAN-UP PROCEDURES: Absorb on sand or vermiculite and place in closed container for disposal. Ventilate area and wash spill site after material pick-up is complete.

### **SECTION VII: HANDLING AND STORAGE**

STORAGE: Store tightly closed at 20-25 °C.

### **SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Chemical safety goggles. Rubber gloves. Safety shower and eye bath. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

### **SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE / FORM: Liquid

COLOR: Colorless

ODOR: None

pH: (20 °C) 8-9

VISCOSITY: (20 °C) N/A

MELTING POINT: N/A

BOILING POINT: N/A

IGNITION TEMPERATURE: N/A  
FLASHPOINT: N/A  
EXPLOSION LEVEL: N/A  
VAPOR PRESSURE: (20 °C) N/A  
SPECIFIC GRAVITY: (20 °C) N/A  
SOLUBILITY IN WATER: (20 °C) Soluble

**SECTION X: STABILITY AND REACTIVITY**

SUBSTANCES TO BE AVOIDED: N/A  
HAZARDOUS, COMBUSTION, OR DECOMPOSITION PRODUCTS: N/A

**SECTION XI: TOXICOLOGICAL INFORMATION**

TOXICITY DATA: N/A  
INHALATION: May be harmful by inhalation.  
EYE CONTACT: May cause eye irritation.  
SKIN CONTACT: May cause skin irritation, may be harmful by skin absorption.  
INGESTION: May be harmful if swallowed.  
PROLONGED EXPOSURE: N/A  
CHRONIC EFFECTS: N/A  
RTECS NUMBER: N/A  
ADDITIONAL INFORMATION: THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. Additional harmful properties cannot be ruled out. The product should be handled with the normal caution accorded chemicals.

**SECTION XII: ECOLOGICAL INFORMATION**

N/A

**SECTION XIII: DISPOSAL CONSIDERATIONS**

There are no uniform regulations for the disposal of chemicals or residues. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION XIV: TRANSPORT INFORMATION**

DOT: None of the components are regulated.

**SECTION XV: REGULATORY INFORMATION**

SARA: None of the components are regulated.

**SECTION XVI: OTHER INFORMATION**

DATE OF PREPARATION: May 23, 2007.  
DISCLAIMER: For research use only. The above information is believe to be correct but does not purport to be all inclusive and should be used only as a guide. MultiTarget Pharmaceuticals shall not be held liable for any damages or other consequences resulting from handling or from contact with the above product.