

## Material Safety Data Sheet

Revision Date: 01/16/2024

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : DNA 7De-G(iBu) amidite  
 CAS Number : No data  
 MDL Number : No data  
 Product ID : STA-AM10790  
 Product Use : For research use only  
 Manufacturer/Supplier : WuXi AppTec(Tianjin) Co., Ltd  
 Address : 168 Nanhai Road, Tianjin Economic-Technological  
 Development Area, Tianjin, 300457, China  
 Telephone : +86-22-59987288  
 Fax : +86-22-59987900

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture.

#### 2.2 Label elements

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

#### 2.3 Other hazards – none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Chemical Formula : C<sub>45</sub>H<sub>55</sub>N<sub>6</sub>O<sub>8</sub>P  
 Molecular Weight : 838.94 g/mol

EC-No.:

| Component              |         | Concentration |
|------------------------|---------|---------------|
| DNA 7De-G(iBu) amidite |         |               |
| CAS Number             | No data | -             |

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

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### In case of skin contact

Wash off with soap and plenty of water.

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#### **In case of eye contact**

Flush eyes with water as a precaution.

#### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### **4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available

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### **5. FIRE-FIGHTING MEASURES**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** no data

#### **5.2 Special hazards arising from the substance or mixture**

In combustion toxic fumes may form.

#### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **5.4 Further information**

Use water spray to cool unopened containers.

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### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

#### **6.2 Environmental precautions**

Do not let product enter drains.

#### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### **6.4 Reference to other sections**

For disposal see section 13.

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### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store in -20°C. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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

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Wear Protective safety goggles.  
Wear chemical-resistant gloves.  
Wear protective clothing and chemical resistant boots.  
Ensure ventilation during use.  
After contact with skin, wash immediately.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                         |
|---|-------------------------|
| Appearance                              | Off-white solid         |
| Melting point/freezing point            | No data available       |
| Initial boiling point and boiling range | No data available       |
| Odour                                   | Odorless                |
| Odour Threshold                         | No data available       |
| pH                                      | No data available       |
| Evaporation rate                        | No data available       |
| Vapour pressure                         | No data available       |
| Vapor Density                           | No data available       |
| Solubility in/Miscibility with          | CH <sub>3</sub> CN, DMF |
| Auto-ignition temperature               | No data available       |
| Decomposition temperature               | No data available       |
| Viscosity                               | No data available       |
| Explosive properties                    | No data available       |
| Oxidizing properties                    | No data available       |
| Flash point                             | No data available       |
| Relative density                        | No data available       |

### Safety data

No data available

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Avoid moisture.

### 10.5 Incompatible materials

Oxidizing agents.

### 10.6 Hazardous decomposition products

Other decomposition products - No data available.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects



