

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : JumpStart™ Taq DNA Polymerase

Product Number : D9307

Brand : Sigma

Supplier : Sigma-Aldrich  
3050 Spruce Street  
SAINT LOUIS MO 63103  
USA

Telephone : +1 800-325-5832

Fax : +1 800-325-5052

Emergency Phone # (For both supplier and manufacturer) : (314) 776-6555

Preparation Information : Sigma-Aldrich Corporation  
Product Safety - Americas Region  
1-800-521-8956

This is a summary MSDS for a kit, for the full MSDS for each of the components listed in section 16 please visit our website.

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

##### OSHA Hazards

Target Organ Effect

##### Target Organs

Kidney, Heart, Central nervous system, Gastrointestinal tract

##### GHS Classification

Skin irritation (Category 3)

Eye irritation (Category 2B)

##### GHS Label elements, including precautionary statements

Pictogram none

Signal word Warning

##### Hazard statement(s)

H316 Causes mild skin irritation.

H320 Causes eye irritation.

##### Precautionary statement(s)

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### HMIS Classification

Health hazard: 1

Chronic Health Hazard: \*

Flammability: 0

Physical hazards: 1

#### NFPA Rating

Health hazard: 1

**Fire:** 0  
**Reactivity Hazard:** 0

#### Potential Health Effects

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.  
**Skin** May be harmful if absorbed through skin. May cause skin irritation.  
**Eyes** May cause eye irritation.  
**Ingestion** May be harmful if swallowed.

---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Refer to component MSDS

---

### 4. FIRST AID MEASURES

Refer to component MSDS

---

### 5. FIREFIGHTING MEASURES

Refer to component MSDS

---

### 6. ACCIDENTAL RELEASE MEASURES

Refer to component MSDS

---

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

#### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. 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.

Recommended storage temperature: -20 °C

---

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to component MSDS

---

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component MSDS

---

### 10. STABILITY AND REACTIVITY

Refer to component MSDS

---

### 11. TOXICOLOGICAL INFORMATION

Refer to component MSDS

---

### 12. ECOLOGICAL INFORMATION

Refer to component MSDS

---

### 13. DISPOSAL CONSIDERATIONS

Refer to component MSDS

---

### 14. TRANSPORT INFORMATION

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

**IATA**

Not dangerous goods

---

**15. REGULATORY INFORMATION****OSHA Hazards**

Target Organ Effect

**SARA 302 Components**

The following components are subject to reporting levels established by SARA Title III, Section 302:

CAS-No.	Revision Date
-	
-	

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Chronic Health Hazard

**Massachusetts Right To Know Components**

CAS-No.	Revision Date
-	
-	

**Pennsylvania Right To Know Components**

CAS-No.	Revision Date
-	
-	

**New Jersey Right To Know Components**

CAS-No.	Revision Date
-	
-	

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

---

**16. OTHER INFORMATION****Kit Components:**

JumpStart™ Taq DNA Polymerase	SIGMA	D6558	Target Organ Effect
10X PCR Buffer	SIGMA	P2192	Target Organ Effect

**Further information**

Copyright 2013 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Copyright 2013 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

