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. 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:

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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

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Pennsylvania Right To Know Components

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New Jersey Right To Know Components

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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
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