

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

Version 6.1

Revision Date 06.11.2019

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GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifiers**

Product name : PhasePrep™ BAC DNA Kit

Product Number : NA0100

Brand : Sigma

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Manufacture of substances

**1.3 Details of the supplier of the safety data sheet**

Company : Sigma-Aldrich Pte Ltd  
(Co. Registration No. 199403788W)  
1 Science Park Road  
#02-14 The Capricorn, S'pore Sci. PkII  
SINGAPORE 117528  
SINGAPORE

Telephone : +65 6779-1200

Fax : +65 6779-1822

**1.4 Emergency telephone number**

Emergency Phone # : 1-800-262-8200

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.

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 Label elements****Labelling according Regulation (EC) No 1272/2008**

Pictogram



Signal word

Warning

Hazard statement(s)

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statement(s)

P261

Avoid breathing vapours.

P305 + P351 + P338

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

Supplemental Hazard Statements

none

## 2.3 Other hazards - none

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## SECTION 3: Composition/information on ingredients

Refer to component MSDS

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## SECTION 4: First aid measures

Refer to component MSDS

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## SECTION 5: Firefighting measures

Refer to component MSDS

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## SECTION 6: Accidental release measures

Refer to component MSDS

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

For precautions see section 2.2.

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

No data available

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## SECTION 8: Exposure controls/personal protection

Refer to component MSDS



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**SECTION 9: Physical and chemical properties**

Refer to component MSDS

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**SECTION 10: Stability and reactivity**

Refer to component MSDS

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**SECTION 11: Toxicological information**

Refer to component MSDS

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**SECTION 12: Ecological information**

Refer to component MSDS

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**SECTION 13: Disposal considerations**

Refer to component MSDS

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**SECTION 14: Transport information****14.1 UN number**

ADR/RID: 3316

IMDG: 3316

IATA: 3316

**14.2 UN proper shipping name**

ADR/RID: CHEMICAL KIT

IMDG: CHEMICAL KIT

IATA: Chemical kit

**14.3 Transport hazard class(es)**

ADR/RID: 9

IMDG: 9

IATA: 9

**14.4 Packaging group**

ADR/RID: II

IMDG: II

IATA: II

**14.5 Environmental hazards**

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

**14.6 Special precautions for user**

No data available

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Refer to component MSDS

**15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out



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**SECTION 16: Other information****Kit Components:**

Resuspension Solution	Sigma	R1149	
RNase A solution	Sigma	R6148	
Lysis Solution	Sigma	L1912	Skin Irrit. 2; Eye Irrit. 2; H315, H319
neutralization solution	Sigma	N4659	Skin Irrit. 2; Eye Irrit. 2; H315, H319
Elution solution (es) for GenElute™ plasmid prep kits	Sigma	E5650	
rnase cocktail	Sigma	R2151	
Sodium acetate buffer solution	Sigma	S2404	
Endotoxin Removal solution	Sigma	E4274	
DNA precipitation solution	Sigma	D4564	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3; H225, H319, H336

**Further information**

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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.


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## Kit Components:

Resuspension Solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - R1149					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

RNase A solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - R6148					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Lysis Solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - L1912		Warning	Causes skin irritation. Causes serious eye irritation.	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	

neutralization solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - N4659		Warning	Causes skin irritation. Causes serious eye irritation.	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for	



				several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
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#### **Elution solution (es) for GenElute™ plasmid prep kits**

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - E5650					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **rnase cocktail**

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - R2151					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.


#### **Sodium acetate buffer solution**

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - S2404					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.


#### **Endotoxin Removal solution**

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - E4274					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **DNA precipitation solution**

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - D4564		Danger	Highly flammable liquid and vapour.	Keep away from heat/sparks/open	



			Causes serious eye irritation. May cause drowsiness or dizziness.	n flames/hot surfaces. No smoking. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.	
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