

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.2

Revision Date 06.11.2019

Print Date 17.08.2021

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 : GenElute™ HP Select Plasmid Gigaprep Kit

Product Number : NA0800

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

Flammable liquids (Category 3), H226

Acute toxicity, Oral (Category 4), H302

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), Respiratory system, Central nervous system, H335, H336

Specific target organ toxicity - repeated exposure (Category 2), H373



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)

H226

Flammable liquid and vapour.

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H336

May cause drowsiness or dizziness.

H373

May cause damage to organs through prolonged or repeated exposure.

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

---

## SECTION 3: Composition/information on ingredients

Refer to component MSDS

---

## SECTION 4: First aid measures

Refer to component MSDS

---

## SECTION 5: Firefighting measures

Refer to component MSDS

---

## SECTION 6: Accidental release measures

Refer to component MSDS

---

## 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

Keep tightly closed in a dry, cool and well-ventilated place. Store in cool place.



### 7.3 Specific end use(s)

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

---

## SECTION 8: Exposure controls/personal protection

Refer to component MSDS

---

## SECTION 9: Physical and chemical properties

Refer to component MSDS

---

## SECTION 10: Stability and reactivity

Refer to component MSDS

---

## SECTION 11: Toxicological information

Refer to component MSDS

---

## SECTION 12: Ecological information

Refer to component MSDS

---

## SECTION 13: Disposal considerations

Refer to component MSDS

---

## SECTION 14: Transport information

### 14.1 UN number

ADR/RID: 2924

IMDG: 2924

IATA: 2924

### 14.2 UN proper shipping name

ADR/RID: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

IMDG: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

IATA: Flammable liquid, corrosive, n.o.s.

### 14.3 Transport hazard class(es)

ADR/RID: 3 (8)

IMDG: 3 (8)

IATA: 3 (8)

### 14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

### 14.6 Special precautions for user

No data available



---

## 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

---

## SECTION 16: Other information

### Kit Components:

binding solution	Sigma	B9560	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; H302, H315, H319
Column Preparation Solution	Sigma	C2112	Met. Corr. 1; Skin Irrit. 2; Eye Irrit. 2; H290, H315, H319
endocleaning solution	Sigma	E1656	Skin Irrit. 2; Eye Irrit. 2; H315, H319
Lysis Solution	Sigma	L1912	Skin Irrit. 2; Eye Irrit. 2; H315, H319
Lysate clearing agent	Sigma	L4667	STOT RE 1; H372
Neutralization Solution EF	Sigma	N7411	
Resuspension Solution	Sigma	R1149	
RNase A solution	Sigma	R6148	
Wash Solution 1	Sigma	W0263	Flam. Liq. 3; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H226, H302, H315, H319, H336
Water	Sigma	W1127	
Wash Solution 2	Sigma	W4639	

### Further information


Copyright 2018 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.


The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact [mlsbranding@sial.com](mailto:mlsbranding@sial.com).



## Kit Components:

<b>binding solution</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - B9560		Warning	Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. 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.	


<b>Column Preparation Solution</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - C2112		Warning	May be corrosive to metals. Causes skin irritation. Causes serious eye irritation.	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	

<b>endocleaning solution</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - E1656		Warning	Causes skin irritation. Causes serious eye irritation.	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact	




				lenses, if present and easy to do. Continue rinsing.	
--	--	--	--	--	--

#### 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.	

#### Lysate clearing agent

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - L4667		Danger	Causes damage to organs through prolonged or repeated exposure if inhaled.	Get medical advice/attention if you feel unwell.	

#### Neutralization Solution EF


Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - N7411					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 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.



<b>RNase A solution</b>					
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.

<b>Wash Solution 1</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - W0263		Warning	Flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. 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.	

<b>Water</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - W1127					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.



<b>Wash Solution 2</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - W4639					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

