

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.2

Revision Date 29.09.2020

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 Endotoxin-Free Plasmid Maxiprep Kit

Product Number : NA0400S

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

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**

Acute toxicity, Oral (Category 4), H302

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)

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statement(s)

P261

Avoid breathing vapors.

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

No data available

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: 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: 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 material safety data sheet 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:

Column Preparation Solution	Sigma	C2112	Met. Corr. 1; Skin Irrit. 2; Eye Irrit. 2; H290, H315, H319
RNase A solution	Sigma	R6148	
Resuspension Solution	Sigma	R1149	
Lysis Solution	Sigma	L1912	Met. Corr. 1; Skin Irrit. 2; Eye Irrit. 2; H290, H315, H319
Neutralization Solution EF	Sigma	N7411	
binding solution	Sigma	B9560	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; H302, H315, H319
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
Wash Solution 2	Sigma	W4639	
E-Toxate™ Water	Sigma	2107	

Further information

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 and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Kit Components:

Column Preparation Solution					
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.	Keep only in original packaging. IF ON SKIN: Wash with plenty of water. Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention.	

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.

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.

Lysis Solution

Product identifier	Pictogram	Signal word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - L1912		Warning	May be corrosive to metals. Causes skin irritation. Causes serious eye irritation.	Keep only in original packaging. IF ON SKIN: Wash with plenty of water. Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention.	

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.

binding solution

Product identifier	Pictogram	Signal word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - B9560		Warning	Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel	



				<p>unwell. Do not eat, drink or smoke when using this product. IF ON SKIN: Wash with plenty of water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	
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Wash Solution 1					
Product identifier	Pictogram	Signal word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - W0263		Warning	<p>Flammable liquid and vapor. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.</p>	<p>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. Keep container tightly closed. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Ground and bond container and receiving equipment. IF IN EYES: Rinse cautiously with water for</p>	



				several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
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Wash Solution 2

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.

E-Toxate™ Water

Product identifier	Pictogram	Signal word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - 2107					Not a hazardous substance or mixture.

