

SAFETY DATA SHEET

Version 5.4
Revision Date 07/09/2014
Print Date 07/13/2017

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : GenElute™ HP Endotoxin-Free Plasmid Maxiprep Kit

Product Number : NA0400

Brand : Sigma

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
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832

Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

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

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4), H302
Skin corrosion (Category 1A), H314
Serious eye damage (Category 1), H318
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 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H302
H314
H336

Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause drowsiness or dizziness.

Precautionary statement(s)

P261
P264
P270
P271

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.

| | |
|--------------------|--|
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| P301 + P312 | IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. |
| P301 + P330 + P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER or doctor/ physician. |
| P321 | Specific treatment (see supplemental first aid instructions on this label). |
| P363 | Wash contaminated clothing before reuse. |
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | Dispose of contents/ container to an approved waste disposal plant. |

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

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

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

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)

UN number: 3316 Class: 9 Packing group: III
Proper shipping name: Chemical kits
Marine pollutant: No
Poison Inhalation Hazard: No

IMDG

UN number: 3316 Class: 9 Packing group: III EMS-No: F-A, S-P
Proper shipping name: CHEMICAL KIT
Marine pollutant: No

IATA

UN number: 3316 Class: 9 Packing group: III
Proper shipping name: Chemical kit

15. REGULATORY INFORMATION

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

16. OTHER INFORMATION

Kit Components:

| | | | |
|---|-------|-------|---|
| Column Preparation Solution | SIGMA | C2112 | Skin Irrit. 2; Eye Irrit. 2A; H315, H319 |
| RNase A solution | SIGMA | R6148 | |
| Resuspension Solution | SIGMA | R1149 | |
| Lysis Solution | SIGMA | L1912 | Eye Irrit. 2A; H319 |
| Neutralization Solution EF binding solution | SIGMA | N7411 | Skin Corr. 1A; Eye Dam. 1; H314 |
| | SIGMA | B9560 | Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; H302, H315, H319 |
| Wash Solution 1 | SIGMA | W0263 | Flam. Liq. 3; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H226, H302, H315, H319, H336 |
| Wash Solution 2 | SIGMA | W4639 | |
| E-Toxate™ Water | SIGMA | 2107 | |

HMIS Rating

Health hazard: 3
Chronic Health Hazard: *
Flammability: 0
Physical Hazard: 0

NFPA Rating

Health hazard: 3
Fire Hazard: 0
Reactivity Hazard: 0

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.4

Revision Date: 07/09/2014

Print Date: 07/13/2017

