

• SAFETY DATA SHEET

Version 9.1
Revision Date 11/27/2025
Print Date 11/28/2025

SECTION 1. IDENTIFICATION

1.1 Product identifiers

Product name : GenElute™ Endotoxin-free Plasmid Maxiprep Kit

Product Number : PLEX15
Brand : Sigma

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

Identified uses : Laboratory chemicals, Synthesis of substances

Uses advised against : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

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SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards for the product as supplied

Corrosive to metals	: Category 1
Acute toxicity (Oral)	: Category 4
Acute toxicity (Inhalation)	: Category 4
Skin irritation	: Category 2
Eye irritation	: Category 2A
Respiratory sensitisation	: Category 1
Specific target organ toxicity - single exposure	: Category 3 (Central nervous system)
Short-term (acute) aquatic hazard	: Category 3

Other hazards

None known.

GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H290 May be corrosive to metals.
H302 + H332 Harmful if swallowed or if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336 May cause drowsiness or dizziness.
H402 Harmful to aquatic life.

Precautionary statements : **Prevention:**
P234 Keep only in original packaging.
P261 Avoid breathing mist or vapours.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
P285 In case of inadequate ventilation wear respiratory protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.
P390 Absorb spillage to prevent material damage.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P406 Store in a corrosion resistant container with a resistant inner liner.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Refer to component SDS

SECTION 4. FIRST AID MEASURES

Refer to component SDS

SECTION 5. FIREFIGHTING MEASURES

Refer to component SDS

SECTION 6. ACCIDENTAL RELEASE MEASURES

Refer to component SDS

Sigma - PLEX15

SECTION 7. HANDLING AND STORAGE

For precautions see section 2.2.

Advice on safe handling : Work under hood. Do not inhale substance/mixture.
Avoid generation of vapours/aerosols.

Conditions for safe storage : No metal containers.

Further information on storage conditions : Tightly closed.
Keep locked up or in an area accessible only to qualified or authorised persons.

Storage class : 10, Combustible liquids

Recommended storage temperature : 59 - 77 °F / 15 - 25 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to component SDS

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component SDS

SECTION 10. STABILITY AND REACTIVITY

Refer to component SDS

SECTION 11. TOXICOLOGICAL INFORMATION

Refer to component SDS

SECTION 12. ECOLOGICAL INFORMATION

Refer to component SDS

SECTION 13. DISPOSAL CONSIDERATIONS

Refer to component SDS

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 3316

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The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the US and Canada

**Millipore
Sigma**

Proper shipping name : Chemical kit
 Class : 9
 Packing group : III
 Labels : Class 9 - Miscellaneous dangerous substances and articles
 Packing instruction (cargo aircraft) : 960
 Packing instruction (passenger aircraft) : 960

IMDG-Code

UN number : UN 3316
 Proper shipping name : CHEMICAL KIT

Class : 9
 Packing group : III
 Labels : 9
 EmS Code : F-A, S-P
 Marine pollutant : no

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

National Regulations

49 CFR Road

UN/ID/NA number : UN 3316
 Proper shipping name : Chemical kits

Class : 9
 Packing group : III
 Labels : Class 9 - Miscellaneous dangerous substances and articles
 ERG Code : 171
 Marine pollutant : no

Poison Inhalation Hazard : No

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
neutralization solution	Not Assigned	22727	22727

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
Resuspension Solution	Not Assigned	
RNase A solution	Not Assigned	
Lysis Solution	Not Assigned	
neutralization solution	Not Assigned	
Endotoxin Removal solution	Not Assigned	
DNA Binding Solution	Not Assigned	
Column Preparation Solution	1310-73-2	
Optional wash solution (OWS)	Not Assigned	
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	
E-Toxate™ Water	7732-18-5	

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard

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.

Clean Air Act

Warning: Manufactured with Resuspension Solution, RNase A solution, Lysis Solution, neutralization solution, Endotoxin Removal solution, DNA Binding Solution, Column Preparation Solution, Optional wash solution (OWS), Wash solution (ws) for GenElute™ plasmid prep kits, E-Toxate™ Water, a substance which harms public health and environment by destroying ozone in the upper atmosphere.

40 CFR Protection of Environment; Part 82
Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Ozone-Depletion Potential

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SubstancesOzone-
Depletion Potential

40 CFR Protection of : 1310-73-2
Environment; Part 82
Protection of
Stratospheric Ozone -
CAA Section 602 Class I
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Stratospheric Ozone -
CAA Section 602 Class I
SubstancesOzone-
Depletion Potential

7732-18-5

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F):

E-Toxate™ Water	7732-18-5	>= 90 - <= 100 %
RNase A solution	Not Assigned	>= 90 - <= 100 %
DNA Binding Solution	Not Assigned	>= 90 - <= 100 %
Column Preparation Solution	1310-73-2	>= 90 - <= 100 %
Endotoxin Removal solution	Not Assigned	>= 90 - <= 100 %
Lysis Solution	Not Assigned	>= 90 - <= 100 %
neutralization solution	Not Assigned	>= 90 - <= 100 %
Resuspension Solution	Not Assigned	>= 90 - <= 100 %
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	>= 90 - <= 100 %
Optional wash solution (OWS)	Not Assigned	>= 90 - <= 100 %

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

E-Toxate™ Water	7732-18-5	>= 90 - <= 100 %
RNase A solution	Not Assigned	>= 90 - <= 100 %
DNA Binding Solution	Not Assigned	>= 90 - <= 100 %
Column Preparation Solution	1310-73-2	>= 90 - <= 100 %
Endotoxin Removal solution	Not Assigned	>= 90 - <= 100 %
Lysis Solution	Not Assigned	>= 90 - <= 100 %
neutralization solution	Not Assigned	>= 90 - <= 100 %
Resuspension Solution	Not Assigned	>= 90 - <= 100 %
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	>= 90 - <= 100 %
Optional wash solution (OWS)	Not Assigned	>= 90 - <= 100 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

E-Toxate™ Water	7732-18-5	>= 90 - <= 100 %
RNase A solution	Not Assigned	>= 90 - <= 100 %
DNA Binding Solution	Not Assigned	>= 90 - <= 100 %
Column Preparation Solution	1310-73-2	>= 90 - <= 100 %
Endotoxin Removal solution	Not Assigned	>= 90 - <= 100 %
Lysis Solution	Not Assigned	>= 90 - <= 100 %
neutralization solution	Not Assigned	>= 90 - <= 100 %
Resuspension Solution	Not Assigned	>= 90 - <= 100 %
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	>= 90 - <= 100 %
Optional wash solution (OWS)	Not Assigned	>= 90 - <= 100 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

E-Toxate™ Water	7732-18-5	>= 90 - <= 100 %
RNase A solution	Not Assigned	>= 90 - <= 100 %
DNA Binding Solution	Not Assigned	>= 90 - <= 100 %
Column Preparation Solution	1310-73-2	>= 90 - <= 100 %
Endotoxin Removal solution	Not Assigned	>= 90 - <= 100 %
Lysis Solution	Not Assigned	>= 90 - <= 100 %
neutralization solution	Not Assigned	>= 90 - <= 100 %
Resuspension Solution	Not Assigned	>= 90 - <= 100 %
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	>= 90 - <= 100 %
Optional wash solution (OWS)	Not Assigned	>= 90 - <= 100 %

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

E-Toxate™ Water	7732-18-5	>= 90 - <= 100 %
RNase A solution	Not Assigned	>= 90 - <= 100 %
DNA Binding Solution	Not Assigned	>= 90 - <= 100 %
Column Preparation Solution	1310-73-2	>= 90 - <= 100 %
Endotoxin Removal solution	Not Assigned	>= 90 - <= 100 %
Lysis Solution	Not Assigned	>= 90 - <= 100 %
neutralization solution	Not Assigned	>= 90 - <= 100 %
Resuspension Solution	Not Assigned	>= 90 - <= 100 %
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	>= 90 - <= 100 %
Optional wash solution (OWS)	Not Assigned	>= 90 - <= 100 %

This product contains the following priority pollutants related to the U.S. Clean Water Act:

E-Toxate™ Water	7732-18-5	>= 90 - <= 100 %
RNase A solution	Not Assigned	>= 90 - <= 100 %
DNA Binding Solution	Not Assigned	>= 90 - <= 100 %
Column Preparation Solution	1310-73-2	>= 90 - <= 100 %
Endotoxin Removal solution	Not Assigned	>= 90 - <= 100 %
Lysis Solution	Not Assigned	>= 90 - <= 100 %
neutralization solution	Not Assigned	>= 90 - <= 100 %
Resuspension Solution	Not Assigned	>= 90 - <= 100 %
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned	>= 90 - <= 100 %
Optional wash solution (OWS)	Not Assigned	>= 90 - <= 100 %

US State Regulations

Massachusetts Right To Know

E-Toxate™ Water	7732-18-5
RNase A solution	Not Assigned
DNA Binding Solution	Not Assigned
Column Preparation Solution	1310-73-2
Endotoxin Removal solution	Not Assigned
Lysis Solution	Not Assigned
neutralization solution	Not Assigned
Resuspension Solution	Not Assigned
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned
Optional wash solution (OWS)	Not Assigned

Pennsylvania Right To Know

RNase A solution	Not Assigned
neutralization solution	Not Assigned
Optional wash solution (OWS)	Not Assigned

Maine Chemicals of High Concern

E-Toxate™ Water	7732-18-5
RNase A solution	Not Assigned
DNA Binding Solution	Not Assigned
Column Preparation Solution	1310-73-2
Endotoxin Removal solution	Not Assigned
Lysis Solution	Not Assigned
neutralization solution	Not Assigned
Resuspension Solution	Not Assigned
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned
Optional wash solution (OWS)	Not Assigned

Vermont Chemicals of High Concern

Resuspension Solution	Not Assigned
RNase A solution	Not Assigned
Lysis Solution	Not Assigned
neutralization solution	Not Assigned

Endotoxin Removal solution	Not Assigned
DNA Binding Solution	Not Assigned
Column Preparation Solution	1310-73-2
Optional wash solution (OWS)	Not Assigned
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned
E-Toxate™ Water	7732-18-5

Washington Chemicals of High Concern

Resuspension Solution	Not Assigned
RNase A solution	Not Assigned
Lysis Solution	Not Assigned
neutralization solution	Not Assigned
Endotoxin Removal solution	Not Assigned
DNA Binding Solution	Not Assigned
Column Preparation Solution	1310-73-2
Optional wash solution (OWS)	Not Assigned
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned
E-Toxate™ Water	7732-18-5

The components of this product are reported in the following inventories:

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

The following substance(s) is/are subject to a Significant New Use Rule:

Resuspension Solution	Not Assigned
RNase A solution	Not Assigned
Lysis Solution	Not Assigned
neutralization solution	Not Assigned
Endotoxin Removal solution	Not Assigned
DNA Binding Solution	Not Assigned
Column Preparation Solution	1310-73-2
Optional wash solution (OWS)	Not Assigned
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned
E-Toxate™ Water	7732-18-5

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:

Resuspension Solution	Not Assigned
RNase A solution	Not Assigned
Lysis Solution	Not Assigned
neutralization solution	Not Assigned
Endotoxin Removal solution	Not Assigned
DNA Binding Solution	Not Assigned
Column Preparation Solution	1310-73-2
Optional wash solution (OWS)	Not Assigned
Wash solution (ws) for GenElute™ plasmid prep kits	Not Assigned
E-Toxate™ Water	7732-18-5

SECTION 16. OTHER INFORMATION

Kit Components:

Resuspension Solution	Sigma	R1149
RNase A solution	Sigma	R6148
Lysis Solution	Sigma	L1912
neutralization solution	Sigma	N2409
Endotoxin Removal solution	Sigma	E4274
DNA Binding Solution	Sigma	B1555
Column Preparation Solution	Sigma	C2112
Optional wash solution (OWS)	Sigma	W4011
Wash solution (ws) for GenElute™ plasmid prep kits	Sigma	W3886
E-Toxate™ Water	Sigma	2107

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory;

Sigma - PLEX15

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TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. 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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Revision Date : 11/27/2025


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.


US / EN

Kit Components:


Resuspension Solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - R1149					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

RNase A solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - R6148		Danger	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	Avoid breathing mist or vapours. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Dispose of contents/ container to an approved waste disposal plant. In case of inadequate ventilation wear respiratory protection. If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.	


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. Store in a corrosion resistant container with a resistant inner liner. 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. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. Absorb spillage to prevent material damage.	

neutralization solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - N2409		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. 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. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.	

Endotoxin Removal solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - E4274					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.


DNA Binding Solution					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - B1555		Warning	Harmful if swallowed or if inhaled. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life.	Avoid breathing mist or vapours. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Do not eat, drink or smoke when using this product. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. Use only outdoors or in a well-ventilated area. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment. If skin irritation occurs: Get	

				medical advice/ attention. Wear protective gloves/ eye protection/ face protection. If eye irritation persists: Get medical advice/ attention.	
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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. Store in a corrosion resistant container with a resistant inner liner. 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. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and	

				wash it before reuse. Absorb spillage to prevent material damage.	
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Optional wash solution (OWS)

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - W4011		Warning	<p>Flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life.</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. Rinse mouth. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Keep container tightly closed. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Store in a well-ventilated place. Keep cool. Ground and bond container and receiving equipment. IF INHALED: Remove person to fresh air and keep comfortable for</p>	

				<p>breathing. Call a POISON CENTER/ doctor if you feel unwell. Store locked up. Use explosion-proof electrical/ ventilating/ lighting equipment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Use non-sparking tools. If skin irritation occurs: Get medical advice/ attention. Take action to prevent static discharges. If eye irritation persists: Get medical advice/ attention. Avoid breathing mist or vapours. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.</p>	
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				Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.	
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Wash solution (ws) for GenElute™ plasmid prep kits					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - W3886					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

E-Toxate™ Water					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - 2107					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.