

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.2

Revision Date 05.04.2020

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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 : GENELUTE™ STOOL DNA ISOLATION KIT

Product Number : DNB200

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

Acute toxicity, Oral (Category 4), H302  
Acute toxicity, Inhalation (Category 4), H332  
Skin corrosion (Sub-category 1C), H314  
Serious eye damage (Category 1), H318  
Long-term (chronic) aquatic hazard (Category 3), H412

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	Danger
Hazard statement(s)	
H302 + H332	Harmful if swallowed or if inhaled.
H314	Causes severe skin burns and eye damage.
H412	Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Supplemental Hazard information (EU)	
EUH032	Contact with acids liberates very toxic gas.

## 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

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
For precautions see section 2.2.



## 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place. Never allow product to get in contact with water during storage. Do not store near acids.

## 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: 3265

IMDG: 3265

IATA: 3265

### 14.2 UN proper shipping name

ADR/RID: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Guanidinium thiocyanate)

IMDG: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Guanidinium thiocyanate)

IATA: Corrosive liquid, acidic, organic, n.o.s. (Guanidinium thiocyanate)

### 14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 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

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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:

Buffer SK	Sigma	NBSKBUFF	Acute Tox. 4; Skin Corr. 1C; Eye Dam. 1; Aquatic Chronic 3; H302 + H332, H314, H412, EUH032
Lysis Buffer L	Sigma	DNB200A	
Binding Buffer I	Sigma	NBBUFFBI	
Elution Buffer B	Sigma	NBELBUFFB	
Wash Solution A	Sigma	NBWASHA	
Lysis Additive A	Sigma	NBLADDA	

### Further information

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## Kit Components:

<b>Buffer SK</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - NBSKBUFF		Danger	Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.	Avoid release to the environment. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON	Contact with acids liberates very toxic gas.



				CENTER/doctor.	
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<b>Lysis Buffer L</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - DNB200A					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

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

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

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

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

