

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Revision Date 12.03.2021

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers

Product Name : **SileksMagNA-Direct™ circulating nucleic acid Isolation kit**  
Product Number : **KIRCNA2ML**

Brand : Sileks  
CAS-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 : Sileks GmbH  
Zöllinplatz 1  
D-79410 Badenweiler  
Germany

Telephone : +49 7632 82 31964  
E-mail address : info@sileks.com / info@sileks.de

#### 1.4 Emergency telephone number

Emergency Phone : Vergiftungs-Informationen-Zentrale Freiburg: +49 76119240

### 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, Dermal (Category 4), H312  
Skin corrosion/irritation (Category 1B), H314  
Skin corrosion/irritation (Category 2), H315  
Serious eye damage/eye irritation (Category 1), H318  
Serious eye damage/eye irritation (Category 2A), H319  
Acute toxicity, Inhalation (Category 4), H332  
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3), H335  
Specific target organ toxicity, single exposure; Narcotic effects (Category 3), H336  
Hazardous to the aquatic environment, long-term hazard (Category 3), H412  
Contact with acids liberates very toxic gas, EUH032

### Classification according to EU Directives 67/548/EEC or 1999/45/EC

|    |                               |               |
|----|-------------------------------|---------------|
| T  | Toxic                         | R23/24/25     |
| C  | Corrosive                     | R34           |
| Xn | Harmful                       | R48/20/21/22  |
| Xn | Harmful                       | R40           |
| Xn | Harmful                       | R68           |
| Xi | Irritant                      | R43           |
| N  | Dangerous for the environment | R50/53<br>R32 |

## 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

Hazard statement(s)

|      |   |
|------|---|
| H302 | Harmful if swallowed                              |
| H312 | Harmful in contact with skin                      |
| H314 | Causes severe skin burns and eye damage           |
| H315 | Causes skin irritation                            |
| H318 | Causes serious eye damage                         |
| H319 | Causes serious eye irritation                     |
| H332 | Harmful if inhaled                                |
| H335 | May cause respiratory irritation                  |
| H336 | May cause drowsiness or dizziness                 |
| H412 | Harmful to aquatic life with long lasting effects |

Precautionary statement(s)

|                    |  |
|--------------------|--|
| P210               | Keep away from heat/sparks/open flames/hot surfaces. – No smoking.   |
| P235               | Keep cool.   |
| P261               | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P273               | Avoid release to the environment.  |
| P280               | Wear protective gloves/protective clothing/eye protection/face protection.   |
| 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.  |
| P337 + P313        | If eye irritation persists: Get medical advice/attention.  |
| P301 + P312        | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.  |
| P304 + P340 + P312 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                 |
| P403 + P235        | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P501               | Store in a well-ventilated place. Keep cool.   |
|                    | Dispose of contents/container in accordance with local/regional/national/international regulations.                              |

Supplemental Hazard information (EU)

|        |  |
|--------|--|
| EUH032 | Contact with acids liberates very toxic gas. |
|--------|--|

**According to European Directive 67/548/EEC as amended.**

|                  |   |                               |
|------------------|---|-------------------------------|
| Hazard symbol(s) | F | Highly flammable              |
|                  | T | Toxic                         |
|                  | N | Dangerous for the environment |



|              |  |
|--------------|--|
| R-phrase(s)  |  |
| R23/24/25    | Toxic by inhalation, in contact with skin and if swallowed.  |
| R32          | Contact with acids liberates very toxic gas.   |
| R34          | Causes burns.  |
| R40          | Limited evidence of a carcinogenic effect.   |
| R68          | Possible risk of irreversible effects.   |
| R43          | May cause sensitisation by skin contact.   |
| R48/20/21/22 | Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. |
| R50/53       | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.                             |

**S-phrase(s)**

|           |   |
|-----------|---|
| S16       | Keep away from sources of ignition - No smoking.  |
| S26       | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.               |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection.  |
| S45       | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |
| S61       | Avoid release to the environment. Refer to special instructions/ Safety data sheets.                        |

**2.3 Other hazards - none**

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Refer to component MSDS.

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**4. FIRST AID MEASURES**

Refer to component MSDS.

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**5. FIREFIGHTING MEASURES**

Refer to component MSDS.

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**6. ACCIDENTAL RELEASE MEASURES**

Refer to component MSDS.

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**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Normal measures for preventive fire protection.  
For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  
Recommended storage temperature: +4 °C to +10 °C

### 7.3 Specific end uses

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

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to component MSDS.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component MSDS.

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## 10. STABILITY AND REACTIVITY

Refer to component MSDS.

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## 11. TOXICOLOGICAL INFORMATION

Refer to component MSDS.

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## 12. ECOLOGICAL INFORMATION

Refer to component MSDS.

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## 13. DISPOSAL CONSIDERATIONS

Refer to component MSDS.

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## 14. TRANSPORT INFORMATION

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

#### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### 14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

#### 14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

#### 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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## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## 16. OTHER INFORMATION

### Kit Components:

| Name                  | CAS #     | GHS   |
|-----------------------|-----------|---|
| Iron (III) oxide      | 1309-37-1 | H315, H319, H335, P261, P305+P351+P338  |
| Sodium chloride       | 7647-14-5 | Not classified  |
| Guanidine thiocyanate | 593-84-0  | H302, H312, H332, H412, EUH032, P261, P273, P280, P301+P312, P302+P352, P304+P340, P501 |
| EDTA                  | 6381-92-6 | H314, H318, H335  |
| Triton X-100          | 9002-93-1 | H302, H318, P280, P305+P351+P338 P310 P501  |
| Tris                  | 77-86-1   | Not classified  |
| Ultra pure water      | 7732-18-5 | Not classified  |

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## 17. OTHER INFORMATION

### 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. Sileks GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.