

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

|                 |                         |
|-----------------|-------------------------|
| Product form    | : Mixture               |
| Product name    | : Arcis Sample Prep Kit |
| Type of product | : Analytical reagent    |
| Product group   | : Trade product         |

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

##### 1.2.1. Relevant identified uses

|                                  |                         |
|----------------------------------|-------------------------|
| Industrial/Professional use spec | : For research use only |
| Use of the substance/mixture     | : DNA/RNA release       |
| Function or use category         | : Laboratory reagent    |

##### 1.2.2. Uses advised against

Not for use in diagnostic procedures

#### 1.3. Details of the supplier of the safety data sheet

Arcis Biotechnology Limited  
The Innovation Centre, Sci-Tech Daresbury,  
Keswick Lane, Cheshire, WA4 4FS  
United Kingdom  
T +4401925 607100  
[info@arcisbio.com](mailto:info@arcisbio.com) - [www.arcisbio.com](http://www.arcisbio.com)

#### 1.4. Emergency telephone number

|                  |  |
|------------------|--|
| Emergency number | : +44(0)1925 607100 9am – 5pm Monday – Friday<br>National Poisons Information Service (Birmingham Centre)<br>City Hospital, Dudley Road, Birmingham. U.K.<br>+44(0) 344 892 0111 NHS Direct – 0845 4647 or 111 |
|------------------|--|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified as dangerous for supply/use.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

|                                |        |
|--------------------------------|--------|
| Hazard pictograms (CLP)        | : None |
| Signal word (CLP)              | : None |
| Hazard statements (CLP)        | : None |
| Precautionary statements (CLP) | : None |

#### 2.3. Other hazards

Not known.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Full text of H-phrases: see section 16

# Arcis Sample Prep Kit

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water.
- First-aid measures after eye contact : If in eyes, rinse cautiously with water for at least 15 minutes.
- First-aid measures after ingestion : Wash out mouth with water.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : None anticipated. Treat symptomatically.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : As appropriate for surrounding fire.
- Unsuitable extinguishing media : None.

#### 5.2. Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

#### 5.3. Advice for firefighters

None.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

#### 6.2. Environmental precautions

Do not release large quantities into the surface water or into drains.

#### 6.3. Methods and material for containment and cleaning up

Sweep up spilled substance and remove to safe place.

#### 6.4. Reference to other sections

For further information refer to sections 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in ambient temperature. Stable under normal conditions.
- Incompatible products : None known.
- Incompatible materials : None known.

#### 7.3. Specific end use(s)

Laboratory reagent.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No exposure limit value known

#### 8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Materials for protective clothing : Wear suitable working clothes
- Hand protection : Not normally required
- Eye protection : Not normally required
- Skin and body protection : Wear suitable working clothes, normally no skin protection is necessary.
- Respiratory protection : Normally no personal respiratory protection is necessary
- Environmental exposure controls : Do not release large quantities into the surface water or into drains.

# Arcis Sample Prep Kit

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|  |                      |
|--|----------------------|
| Physical state                             | : Liquid             |
| Colour                                     | : Colourless         |
| Odour                                      | : Characteristic     |
| Odour threshold                            | : No data available  |
| pH   | : 6.0 – 7.0          |
| Relative evaporation rate (butylacetate=1) | : No data available  |
| Melting point                              | : 0 °C               |
| Freezing point                             | : No data available  |
| Boiling point                              | : > 100 °C           |
| Flash point                                | : No data available  |
| Auto-ignition temperature                  | : No data available  |
| Decomposition temperature                  | : No data available  |
| Flammability (solid, gas)                  | : Not applicable     |
| Vapour pressure                            | : No data available  |
| Relative vapour density at 20 °C           | : No data available  |
| Relative density                           | : 1g/cm <sup>3</sup> |
| Solubility                                 | : Soluble in water.  |
| Log Pow                                    | : No data available  |
| Viscosity, kinematic                       | : No data available  |
| Viscosity, dynamic                         | : No data available  |
| Explosive properties                       | : Not applicable.    |
| Oxidising properties                       | : Not classified.    |
| Explosive limits                           | : No data available  |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None anticipated.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

#### 10.4. Conditions to avoid

None anticipated.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

None known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|  |   |
|--|---|
| Acute toxicity                                     | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity                              | : Not classified  |
| Specific target organ toxicity (single exposure)   | : Not classified  |
| Specific target organ toxicity (repeated exposure) | : Not classified  |
| Aspiration hazard                                  | : Not classified  |

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according to Regulation (EC) No. 453/2010

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                                    |                                 |
|------------------------------------|---------------------------------|
| Toxicity – Aquatic invertebrates   | : Low toxicity to invertebrates |
| Toxicity – Fish                    | : Low toxicity to fish          |
| Toxicity – Algae                   | : Low toxicity to algae         |
| Toxicity – Sediment Compartment    | : Not classified                |
| Toxicity – Terrestrial Compartment | : Not classified                |

#### 12.2. Persistence and degradability

|                               |           |
|-------------------------------|-----------|
| Persistence and degradability | Not known |
|-------------------------------|-----------|

#### 12.3. Bioaccumulative potential

|                           |           |
|---------------------------|-----------|
| Bioaccumulative potential | Not known |
|---------------------------|-----------|

#### 12.4. Mobility in soil

|                |           |
|----------------|-----------|
| Ecology - soil | Not known |
|----------------|-----------|

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Additional information : None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

NOT CLASSED AS DANGEROUS FOR TRANSPORT

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Full text of H- and EUH-statements:

|                            |       |
|----------------------------|-------|
| Hazard Pictogram(s)        | None. |
| Signal Word(s)             | None. |
| Hazard Statement(s)        | None. |
| Precautionary Statement(s) | None. |

SDS EU (REACH Annex II)

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