

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

1.1. Product identifier

Product form	: Mixture
Product name	: Arcis DNA 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 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 - www.arcisbio.com

1.4. Emergency telephone number

Emergency number	: +44(0)1925 607100 9am – 5pm Monday – Friday National Poisons Information Service (Birmingham Centre) City Hospital, Dudley Road, Birmingham. U.K. +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 DNA 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 DNA 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 ³
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

Arcis DNA Sample Prep Kit

Safety Data Sheet

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)

Information contained in this publication or as otherwise supplied to users is believed to be accurate and is given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. Arcis Biotechnology Limited gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Arcis Biotechnology Limited accepts no liability for loss or damage (other than that arising from death or personal injury cause by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.