

Material Safety Data Sheet (MSDS) Isohelix Mag-Filter HMW Clean-Up Kit (HMW-50)

Version 1.0

Revision date: 12/04/2024

Kit Contents:

Binding Buffer	Low risk – details below
Magnetic Beads	Low risk – details below
Wash Buffer	Low risk – not required
Elution Buffer	Low risk – not required

Binding Buffer

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

Product name: Binding buffer
Manufacturer/Supplier: Cell Projects Ltd.

Substance Use: DNA Isolation

Further Information available from: Cell Projects Ltd.,
Unit 2 Roebuck Business Park,
Ashford Road,
Harrietsham,
Kent ME17 1AB
Tel.: ++44 (0) 1622 851177
Email: info@isohelix.com

Emergency Telephone Number: 999 (United Kingdom)
112 (Europe)
911 (US & Canada)

2. Hazards identification:

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Not a hazardous substance or mixture according EC directives 67/548/EEC or 1999/45/EC

3. Composition/information on ingredients:

Description: Liquid. Proprietary compound mixture.

4. First-aid measures:

After contact with eyes: Check for and remove any contact lenses. In case of contact, flush eyes with plenty of water for 15 minutes. Get medical attention if irritation occurs.

After contact with skin: Wash off immediately with plenty of water. Remove contaminated clothing and wash before re-use.

After inhalation: Remove to fresh air. If not breathing give artificial respiration. Seek medical advice in case of breathing difficulties.

After swallowing: Wash out mouth with water provided person is conscious. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms appear.

5. **Fire-fighting measures:** Non-flammable.
Suitable extinguishing agents for surrounding fire: CO², powder or water spray.
Protective equipment: Do not inhale combustion gases. Wear self-contained breathing apparatus if necessary.
6. **Accidental release measures:** Use personal protective equipment as detailed in section 8. Ensure adequate ventilation. Soak up with inert absorbent material and dispose of according to regulations.
7. **Handling and storage:** Avoid contact with eyes and skin. Avoid inhalation of vapour or mist. Wash thoroughly after handling. Keep in a dry, cool and well-ventilated place.
8. **Exposure controls/personal protection:**
Exposure controls: None listed
Personal Protective equipment:
Eyes: wear appropriate protective safety goggles with side shields.
Skin: wear appropriate protective gloves.
Clothing: wear appropriate protective clothing.
Environmental exposure controls: Prevent from entering the drains.
9. **Physical and chemical properties:** Physical state: liquid. Colour: colourless. Odour: odourless.
Other properties: N/A
10. **Stability and reactivity:** The product is stable.
Incompatible materials: oxidising agents.
Hazardous decomposition products: No data available.
11. **Toxicological information:**
Acute toxicity: No data available.
Potential health effects:
Eyes – may be irritating to eyes with susceptible persons. Non-corrosive for the eyes.
Skin – may be slightly irritating to skin. Non-corrosive for the skin.
Inhalation – may be irritating to respiratory system. Non-corrosive for lungs.
Ingestion – may be harmful if swallowed.
12. **Ecological information:** No data available.
13. **Disposal considerations:** Dispose of in accordance with local regulations.
14. **Transport information:** Not classified as dangerous goods and is non-hazardous for transport. Not regulated by IATA. Can be shipped by air, sea, or rail.
15. **Regulatory information:**
European/International Regulations: European labelling in accordance with EC Directives.
Hazard Symbol: none
Non-hazardous mixture
16. **Other information:** This information is believed to be accurate and represents the best information based on our present knowledge, but does not purport to be all inclusive and shall be used only as a guide. It does not constitute a guarantee or warranty for any specific product feature and in no case shall the Cell Projects Ltd be liable for any claims, losses or damages, including lost profits resulting from handling or contact with the above product.

Magnetic Beads

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

Product name: Magnetic Beads
Manufacturer/Supplier: Cell Projects Ltd.

Substance Use: DNA Isolation

Further Information available from: Cell Projects Ltd.,
Unit 2 Roebuck Business Park,
Ashford Road,
Harrietsham,
Kent ME17 1AB
Tel.: ++44 (0) 1622 763741
Email: info@isohelix.com

Emergency Telephone Number: 999 (United Kingdom)
112 (Europe)
911 (US & Canada)

2. Hazards identification:

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Not a hazardous substance or mixture according EC directives 67/548/EEC or 1999/45/EC

3. Composition/information on ingredients:

No components need to be disclosed according to the applicable regulations.

4. First-aid measures:

After contact with eyes: Check for and remove any contact lenses. In case of contact, flush eyes with plenty of water for 15 minutes. Get medical attention if irritation occurs.

After contact with skin: Wash off immediately with plenty of water. Remove contaminated clothing and wash before re-use.

After inhalation: Remove to fresh air. If not breathing give artificial respiration. Seek medical advice in case of breathing difficulties.

After swallowing: Wash out mouth with water provided person is conscious. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms appear.

5. Fire-fighting measures: Non-flammable.

Suitable extinguishing agents for surrounding fire: CO₂, powder or water spray.

Protective equipment: Do not inhale combustion gases. Wear self-contained breathing apparatus if necessary.

6. Accidental release measures: Use personal protective equipment as detailed in section 8. Ensure adequate ventilation. Soak up with inert absorbent material and dispose of according to regulations.

7. Handling and storage: Avoid contact with eyes and skin. Avoid inhalation of vapour or mist. Wash thoroughly after handling. Keep in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection:

Exposure controls: None listed

Personal Protective equipment:

Eyes: wear appropriate protective safety goggles with side shields.

Skin: wear appropriate protective gloves.

Clothing: wear appropriate protective clothing.

Environmental exposure controls: Prevent from entering the drains.

- 9. Physical and chemical properties:** Physical state: liquid. Odour: no data available.
Other properties: N/A
- 10. Stability and reactivity:** The product is stable.
Incompatible materials: oxidising agents.
Hazardous decomposition products: No data available.
- 11. Toxicological information:**
Acute toxicity: No data available
Potential health effects: No data available
Eyes: No data available
Skin: No data available
Inhalation: No data available
Ingestion: No data available
- 12. Ecological information:**
No data available.
- 13. Disposal considerations:**
Dispose of in accordance with local regulations.
- 14. Transport information:**
Not classified as dangerous goods and is non-hazardous for transport. Not regulated by IATA. Can be shipped by air, sea, or rail.
- 15. Regulatory information:**
European/International Regulations: European labelling in accordance with EC Directives.
Hazard Symbol: none
Non-hazardous mixture
- 16. Other information:**
This information is believed to be accurate and represents the best information based on our present knowledge, but does not purport to be all inclusive and shall be used only as a guide. It does not constitute a guarantee or warranty for any specific product feature and in no case shall the Cell Projects Ltd be liable for any claims, losses or damages, including lost profits resulting from handling or contact with the above product.