

Material Safety Data Sheet (MSDS)

Isohelix BuccalFix Stabilisation Buffer (BFX-25, BFX/S1/05)

According to Regulation (EC) No 1907/2006

Version 2.2

Revision Date: 14/09/2020

1. Identification of the Substance/Mixture and of the Company/Undertaking:

Product name:	BLS Solution
Manufacturer/Supplier:	Cell Projects Ltd.
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.
Substance Use:	DNA/RNA Stabilisation
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.
Label Elements:	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

3. Composition/information on ingredients:

Substance: Proprietary mixture.

CAS	Component	Percent
Not available	Non-hazardous mixture	100

Additional Composition Information: NON-HAZARDOUS SUBSTANCE. All components listed or exempt.

4. First-aid measures:

General Advice:	Consult a Doctor/Physician, Show this safety data sheet to the Doctor in attendance.
After Contact with Eyes:	Immediately flush opened eyes with running water for at least 15 minutes. Consult a Doctor.
After Contact with Skin:	Immediately wash skin with soap and copious amounts of water. Consult a Doctor.
After Inhalation:	Remove to fresh air and monitor breathing. If not breathing give artificial respiration. Consult a Doctor.
After Swallowing:	Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Consult a Doctor.

5. Fire-fighting measures:

Suitable Extinguishing agents:	CO ² , powder or water spray.
Special Hazards arising from the Substance:	None.
Advice for Firefighters:	Do not inhale combustion gases. Wear self-contained breathing apparatus if necessary.

6. Accidental release measures:

Personal Precautions:	Use personal protective equipment as detailed in Section 8. Ensure adequate ventilation.
Environmental Precautions:	None.
Methods & Materials for Cleaning up:	Soak up with inert absorbent material and dispose of as general waste. Keep in suitable, closed containers for disposal.

7. Handling and storage:

Precautions for safe handling:	Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.
Conditions for Safe Storage:	Store container in a cool, dry, & well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature.

8. Exposure controls/personal protection:

Control Parameters:	<p>Personal Protective equipment:</p> <p>Eyes: Wear appropriate protective safety goggles where there is a likelihood of exposure. Not required under normal conditions of use.</p> <p>Respiratory: Use only with adequate ventilation. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Not required under normal conditions of use.</p> <p>Skin: Wear appropriate protective gloves. Not required under normal conditions of use.</p> <p>Clothing: Wear appropriate protective clothing. Not required under normal conditions of use.</p>
Exposure Controls:	None.

9. Physical and chemical properties:

Physical state:	Liquid
Colour:	Colourless
Odour:	N/A
Solubility in Water:	N/A
Other properties:	N/A

10. Stability and reactivity:

Reactivity:	Stable under recommended storage conditions.
Stability:	Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions:	N/A
Conditions to Avoid:	N/A
Incompatible Materials:	Strong oxidising agents.
Hazardous Decomposition Products:	N/A

11. Toxicological information

Information on Toxicological effects: Acute toxicity: Not classified.
Irritant effect: Not classified.
Sensitisation: Not classified.
Mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive Toxicity: Not classified.
Specific target organ toxicity – Single Exposure: Not classified.
Specific target organ toxicity – Repeated Exposure: Not classified.
Aspiration Hazard: Not classified.

Potential Health Effects: Inhalation: May cause irritation if inhaled. Non-corrosive.
Ingestion: May be harmful if swallowed.
Skin: May cause irritation to skin. Non-corrosive.
Eyes: May cause irritation to eyes. Non-corrosive.

12. Ecological information:

Toxicity: No known significant effects or critical hazards.
Persistence and degradability: Soluble in water. Persistence is unlikely.
Bioaccumulative potential: Bioaccumulation is unlikely.
Mobility in soil: Likely to be highly mobile due to its solubility.
Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects: None known.

13. Disposal considerations:

Waste Treatment Methods: Dispose of in a manner consistent with state and local regulations.

14. Transport information:

Not classified as dangerous goods, and is non-hazardous for transport.

15. Regulatory information:

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

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.

The solution does not contain alkylphenol ethoxylate surfactants such as Triton X-100, or any strong chaotropic salts. There is no known incompatibility of this solution with bleach-based cleaning products. None of the solution constituents are present on the REACH candidate list for substances of very high concern for authorisation.