



Material Safety Data Sheet
Acc to ISO/DIS 11014



1. Identification of Substance:	
Product name:	Selectrol
Product description:	Solid freeze dried pellets approx 1 - 2mm in height, 5mm diameter containing viable, potentially pathogenic, micro-organisms.
Manufacturer/supplier:	TCS Biosciences Ltd. Botolph Claydon Buckingham MK18 2LR
Information department:	Phone: +44 (0)1296 714222 Fax: +44 (0)1296 714806
Synonyms:	None
Emergency information:	
Emergency phone number: +44 (0)1296 714222 (office hours) or +44 (0)7834 128074	

2. Composition/Data on Components	
CAS number:	None
Hazardous component:	Viable micro-organisms having the potential to cause disease and symptoms associated with the strain listed on the label.

3. Hazard Identification	
<p>Selectrol discs contain VIABLE MICRO-ORGANISMS and as such have the potential to cause infection and illness.</p> <p>Unlikely to cause human disease if handled correctly. See Section 7</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	
Possible routes of entry:	
Inhalation	Yes
Skin	No
Open wounds and body openings	Yes
Effects of exposure:	
Possible infection causing symptoms associated with the strain. May cause severe illness or death in susceptible individuals.	
4. First Aid Measures	
Eye contact	Rinse thoroughly with water/eyewash. Seek immediate medical advice quoting

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Skin contact	the name of the organism. Wash the affected area immediately and disinfect with antiseptic solution.
Inhalation	Seek immediate medical advice quoting the organism inhaled.
Ingestion	Seek immediate medical advice quoting the organism ingested.

5. Fire Fighting Measures

Combustible	Not combustible
Flash point	Not applicable
Autoignition temp	Not applicable
Extinguishing agents:	Use those suitable for the surrounding environment

6. Accidental Release Measures

Personal protective equipment:

Wear a surgical face mask and impervious gloves if contact is possible.



Small spill clean up:

If a breakage of the vial or spillage of the discs occurs, isolate the area and any packaging that may be infected. The infected area should be made safe by a person trained in the safe disinfection and disposal of pathogenic micro-organisms.

Hypochlorite disinfectants used in accordance with the manufacturers' recommendations are effective against all Selectrol strains.

Measures for environmental protection:

Once sterilised, the discs pose no significant threat to the environment.

7. Handling and Storage

IMPORTANT!

The discs contain viable micro-organisms and should only be used by trained microbiologists.

Information for safe handling:

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**HAZARD CLASSIFICATION:**

References:- The Approved List of biological agents - HSE publications
Laboratory Biosafety Manual - WHO.

ALL SELECTROL STRAINS ARE IN HAZARD GROUPS 1 OR 2, THEREFORE WE RECOMMEND THAT ALL STRAINS ARE HANDLED IN AT LEAST CATEGORY 2 CONTAINMENT FACILITIES.

Important note: Always refer to local guidelines.

Storage Temperature: -20°C to 8°C, or -30° to -15°C, as shown on the label.

Special Storage Considerations:

See expiry date on the label for stability under correct storage conditions. The vials should be handled carefully and stored in a manner so as to minimise the risk of accidental breakage.

8. Exposure Controls and Personal Protection Gear

Selectrol discs contain viable micro-organisms that can cause disease in humans. As such they must only be used by personnel trained in microbiological techniques.

Wear a suitable protective lab coat, impervious gloves and surgical mask.

Eye protection: Avoid contact with the eyes. Safety spectacles are recommended.

Wherever possible work in a microbiological safety cabinet.

Hygiene: Hands must be washed after working with this product.

9. Physical and Chemical Properties

Solid domed disc. Approx. dimensions: 1- 2mm high, 5mm diameter at the base.

Colour: Off-white

Soluble in aqueous solution releasing viable micro-organisms into suspension.

10. Stability and Reactivity

Stability: Stable under normal conditions. See expiry date on the label for stability under normal storage conditions.

Reactivity: No known specific chemical incompatibilities.

11. Toxicological Information

All Selectrol discs are potentially hazardous and can cause symptoms associated with the strain.

12. Ecological Information

Naturally occurring material.

All residues must be sterilised before disposal.

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**13. Disposal Considerations**

Laboratory procedures exist for the destruction of this product.

All hazardous characteristics can be destroyed by incineration, autoclaving at 121°C for 30 minutes or use of a suitable disinfectant.

Disposal must be made in accordance with official regulations. It is the purchaser's responsibility to comply.

14. Transport Information

Hazard class: 6.2.

UN # : 3373

Packing instruction: 650

Proper shipping name: Infectious Substance. Category B

15. Regulations

Labelling according to EU guidelines:

Not subject to EU lists.

16. Other 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.

TCS Biosciences Ltd. shall not be liable for any damages or losses resulting from the handling or from contact with the product as described in this document.

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