

Material Safety Data Sheet (MSDS)

For Stable Cell Lines

Details of the supplier of the safety data sheet

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Emergency phone numbers

North America:

CDC Emergency Response: 770-488-7100

Europe: <https://echa.europa.eu/support/helpdesks>

Identification of the biological product

Various genetic modified human and animal cells supplied by FenicsBIO.

Identified uses: For research use only.

Description

This MSDS is applicable to all premade and custom-made stable cell lines generated in and supplied by FenicsBIO. This includes a collection of genetic modified cell lines generated with lentiviral particles.

SECTION I - HEALTH HAZARD

Although a human or animal cell line may not be known to contain any agents harmful to human health, the possibility of a contaminant, adventitious virus can rarely be excluded. Biohazard of Biosafety level 2 (BSL-2) handling procedure should be followed.

SECTION II- PHYSICAL DATA

Frozen liquid.

SECTION III- COMPOSITION

Cells are shipped in frozen cell culture medium, that may include but not limited to inorganic salts, vitamins, amino acids, carbohydrates, lipids, proteins (animal derived) and 5%-10% Dimethyl sulfoxide (DMSO) (CAS-No. 67-68-5, EC-No. 200-664-3). DMSO may be harmful and toxic if in contact with skin or ingested.

SECTION IV- REACTIVITY

Not chemically reactive.

SECTION V - RECOMMENDED PRECAUTIONS CONTAINMENT REQUIREMENTS

Appropriate containment facilities for all activities involving the stable cell lines. This includes BSL2 practices (including animal housing). PROTECTIVE CLOTHING: Laboratory coat, gloves, mask, safety glasses recommended.

SECTION VI- STORAGE

In sealed containers that are appropriately labeled. Long-term storage in liquid nitrogen.

SECTION VII- FIRST AID MEASURES

If accidentally contact with material occurs, follow the first aid procedures that are normally applied to exposure to BCL-2 organisms.

In case of eye contact

Flush with physiological saline or water. Seek medical advice immediately.

In case of skin contact

Wash off with soap and plenty of water. Seek medical advice immediately.

In case of ingestion

Never give anything by mouth to an unconscious person. If the person is conscious, rinse mouth with plenty of water. Seek medical advice immediately.

In case of inhalation

If the person is conscious, move into fresh air. Seek medical advice immediately.

SECTION VIII- FIREFIGHTING MEASURES

Extinguishing media

Water spray, carbon dioxide, dry chemical, or appropriate foam.

Advice for firefighters

Wear Self-Contained breathing apparatus if necessary.

SECTION IX-DISPOSAL MEASURES

Spillage: wear a laboratory coat, safety glasses and gloves. Place paper towels over the spillage. Pour 10% sodium hypochlorite over to saturate and leave for 30 minutes prior to cleaning and disposal.

Waste disposal: Decontaminate the liquid waste with 10% sodium hypochlorite before disposal. Solid waste should be placed in a sealed bag and autoclaved at 121°C (250°F) or higher for a minimum of 60 minutes.

SECTION X-SPECIAL PRECAUTIONS AND COMMENTS

All stable cell lines should be handled by qualified specialist using appropriate safety procedures and precautions. For information on BSL-2 handling, see Biosafety in Microbiological and Biomedical Laboratories (BMBL) 5th Edition

The above information is accurate to the best of our knowledge and experience. The user should exercise independent judgment as to the hazards based on all sources of information available. FenicsBIO shall not be held liable for any damage resulting from the handling or use of the above products.