

MATERIAL SAFETY DATA SHEET

M-MLV Reverse Transcriptase

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1. PRODUCT DETAILS

Trade Name: M-MLV Reverse Transcriptase

Catalog Number: P0073

1.2. COMPANY DETAILS

Supplier: Canvax Reagents S.L., Luis de Mercado St. 19, Boecillo Technological Park, Valladolid (Spain)

1.3. EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: +34 704100087

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008 (EU-GHS/CLP).

3. CHEMICAL CHARACTERIZATION

In accordance with European Directive 1999/45/EC and Regulations 1907/2006/EC and 1272/2008/EC this product does not require a Material Safety Data Sheet as it contains a quantity not exceeding 1% of components classified as dangerous and not greater than 0.1% of components classified as carcinogenic.

4. FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

Inhalation: Remove affected person immediately to fresh air. Get medical attention.

Ingestion: Remove affected person to fresh air and keep warm and at rest in a position comfortable for comfortable breathing position. Rinse mouth with water. Provide plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. Get medical attention if any discomfort continues.

Eye contact: Flush immediately with plenty of water. Remove contact lenses and hold eyelids wide apart. Continue rinsing for at least 15 minutes. Get medical attention immediately. Continue rinsing.

5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.



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5.2. ADVICE FOR FIRE FIGHTERS

Wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective clothing as described in Section 8 of this Safety data sheet. Avoid inhalation of mists and contact with skin and eyes. Provide adequate ventilation.

6.2. ENVIRONMENTAL PRECAUTIONS

Spills or uncontrolled discharge into water courses should be reported immediately to the Environment Agency or other competent authorities.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Collect the product with a vacuum cleaner. If this is not possible, pick it up with a shovel, broom or similar. Wash the contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal tightly. For waste disposal, see Section 13.

6.4. REFERENCE TO OTHER SECTIONS

For disposal: see section 13

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Avoid spillage. Avoid contact with eyes and skin. Avoid inhalation of dust. Provide adequate ventilation.

7.2. CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed. Keep only in the original container. Store at temperatures between 0 and 10°C.

7.3. SPECIFIC END USE(S)

Enzyme.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. EXPOSURE CONTROLS

Special protective equipment



Eye/face protection: The following protection should be worn: Chemical splash goggles.

Hand protection: It is recommended that gloves be made of the following materials: Nitrile rubber.



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Other skin and body protection: Wear rubber apron. Wear rubber footwear.

Respiratory protection: If ventilation is insufficient, suitable respiratory protection should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. BASIC INFORMATION ON PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear aqueous solution.

Color: Colorless

Odor: No determined

Relative density: No determined

Solubility(ies): Soluble in water.

9.2. OTHER INFORMATION

Not determinated.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

There are no known reactivity hazards associated with this product.

10.2. CHEMICAL STABILITY

Stable at normal room temperature and when used as recommended.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Not determined.

10.4. CONDITIONS TO AVOID

Not determined.

10.5. INCOMPATIBLE MATERIALS

Not determined.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Inhalation: May cause irritation with susceptible persons.

Ingestion: May be harmful if swallowed.

Skin contact: May cause irritation with susceptible persons.

Eye contact: May cause eye irritation.



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12. ECOLOGICAL INFORMATION

Ecotoxicity: The components of the product are not classified as hazardous to the environment. Large or frequent spills may have harmful effects on the environment.

12.1. TOXICITY

It is not considered toxic to fish.

12.2. PERSISTENCE AND DEGRADABILITY

There are no data on the degradability of this product.

12.3. BIOACCUMULATION POTENTIAL

No data on bioaccumulation.

12.4. MOBILITY IN THE SOIL

The product is soluble in water.

12.5. PBT AND vPvBm ASSESSMENT RESULTS

This product does not contain substances classified as PBT or vPvB.

12.6. OTHER ADVERSE EFFECTS

Not determined.

13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

General information: Waste should be treated as hazardous waste. Dispose of waste to an authorized landfill in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods: Dispose of waste to an authorized landfill in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

14.1. UN-NUMBER

No information required.

14.2. UN PROPER SHIPPING NAME

No information required.

14.3. TRANSPORT HAZARD CLASS(ES)

No information required.

14.4. PACKAGING GROUP

No information required

14.5. ENVIRONMENTAL HAZARDS

Hazardous pollutant substance/marine pollutant: No.



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14.6. SPECIAL PRECAUTIONS FOR USER

No information required.

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II MARPOL73/78 AND THE IBC CODE

No information required.

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

The product does not need to be labelled in accordance with EC directives or respective national laws

15.2. CHEMICAL SAFETY ASSESSMENT

Any chemical safety assessment has been carried out.

16. OTHER INFORMATION

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Users should make independent decisions regarding completeness of the information based on all sources available.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

Canvax Reagents S.L. shall not be held liable for any damage resulting from handling or from contact with the above product. See our website for our terms and conditions of sales.

Revision Date: 10/04/2023

Revision: 02

Date of replacement: 30/01/2024

