

5X 1st strand buffer

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

Preparation Name: 5X 1st strand buffer

Product code: MB305-0050B, MB305-0010B

Use of the preparation:

For laboratory use.

Company identification:

GeneDireX, Inc.

Website: www.genedirex.com

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

3. HAZARDS IDENTIFICATION

Emergency Overview

May be harmful if swallowed.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

May be harmful by inhalation.

May cause eye irritation with susceptible persons

Form Liquid

Principle Routes of Exposure/ Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin No information available

Inhalation May be harmful by inhalation

Ingestion May be harmful if swallowed

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

HMIS

Health 0

Reactivity 0

Flammability 0

4. FIRST-AID MEASURES

Skin contact Wash off immediately with plenty of water. If symptoms persist, call a physician.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids.

If symptoms persist, call a physician.

Ingestion Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Inhalation Move to fresh air.

If symptoms persist, call a physician.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical

Special protective equipment Wear self-contained breathing apparatus and protective suit for firefighters

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protective equipment.

Methods for cleaning up Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling Always wear recommended Personal Protective Equipment.

Storage Keep in properly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Protective gloves

Eye protection Safety glasses with side-shields

Skin and body protection Lightweight protective clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form Liquid

Important Health Safety and Environmental Information

Boiling point/range °C No data available °F No data available

Melting point/range °C No data available °F No data available

Flash point °C No data available °F No data available

Autoignition temperature °C No data available °F No data available

Oxidizing properties No information available

Water solubility No data available

10. STABILITY AND REACTIVITY

Stability Stable.

Materials to avoid No information available

Hazardous decomposition products No information available

Polymerization Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Principle Routes of Exposure/

Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin No information available

Inhalation No information available

Ingestion No information available

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects No information available

Mobility No information available

Biodegradation Inherently biodegradable.

Bioaccumulation Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

IATA

Proper shipping name Not classified as dangerous in the meaning of transport regulations

Hazard Class No information available

Subsidiary Class No information available

Packing group No information available

UN-No No information available

15. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information was acquired by diligent search and/ or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since GeneDireX Corporation cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. GeneDireX shall not be held liable for any damage resulting from handling or from contact with the above product.