

RiboIN[™] RNase Inhibitor

1. CHEMICAL IDENTIFICATION

Chemical name: RiboIN[™] RNase Inhibitor

Catalog number: RI001-2500

RI001-0400

Company identification: GeneDireX, Inc.

Site: <http://www.genedirex.com>

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

Ingredients	CAS number	EINECS-No	Weight %
Glycerol	56-81-5-8	200-289-5	40-70

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

GHS - Classification

Signal Word: not hazardous Health Hazard

Hazards identification not hazardous

Physical Hazards: not hazardous

Principle Routes of Exposure/ Potential Health effects

Eyes: May cause eye irritation with susceptible persons.

Skin: May cause skin irritation in susceptible persons.

Inhalation: May be harmful by inhalation.

Ingestion: May be harmful if swallowed.

Specific effects

Carcinogenic effects: none

Mutagenic effects: none

Reproductive toxicity: none

Sensitization: none

Target Organ Effects: No known effects under normal use conditions

HMIS

Health	0
Reactivity	0
Flammability	0

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of water.

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

Ingestion Never give anything by mouth to an unconscious person.

Inhalation Move to fresh air.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit

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	No special handling advice required
Storage	Keep in properly labelled contain

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Chemical Name	Glycerol
OSHA PEL (TWA)	15 mg/m ³ total dust, 5 mg/m ³ respirable fraction
OSHA PEL (Ceiling) -	
ACGIH OEL (TWA)	10 mg/m ³
ACGIH OEL (STEL) -	

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	No information available
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, Inc. 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.

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