

# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:** RNase Inhibitor, Murine  
**Part Number:** 100-255-535, 100-255-644, 100-256-761  
**Chemical Name/Synonyms:** No information available

### Details of the supplier of the safety data sheet

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**Company:** S2 Genomics, Inc.  
 7683 Southfront Rd.  
 Suite 200  
 Livermore, CA 94551  
 Tel: (925) 292-8243  
 Email: [support@s2genomics.com](mailto:support@s2genomics.com)

**In emergency call 911.**

**For information about this SDS, use this department contact phone#: (925) 292-8243**

## Section 2: Hazard(s) Identification

**Hazard Classification:** Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Signal Word(s):** None

**Hazard Statements:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Precautionary Statements:** Do not handle until all safety information has been read and understood.

**Description of other Hazards:** None

## Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Glycerol	None	56-81-5	50%

## Section 4: First-Aid Measures

**After skin contact:** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

**After eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

**After inhalation:** Remove to fresh air. Get medical attention immediately if symptoms occur.

**After swallowing:** Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

**Most important symptoms and effects:** None reasonably foreseeable.

**Notes to Physician:** Treat symptomatically.

### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** Not considered to be a fire hazard.

**Special protective equipment for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

#### NFPA

Health	Flammability	Instability	Physical Hazards
0	0	0	0

### Section 6: Accidental Release Measures

**Personal precautions:** Ensure adequate ventilation. Use personal protective equipment as required.

**Measures for cleaning/collecting:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

### Section 7: Handling and Storage

**Handling:** Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

**Storage:** Store at -15°C to -25°C in a non-frost-free freezer.  
 Keep containers tightly closed in a dry, cool and well-ventilated place.

### Section 8: Exposure Controls/Personal Protection

#### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL (ceiling)	NIOSH IDLH	Mexico OEL (TWA)

Glycerol		(Vacated) TWA: 10 mg/m <sup>3</sup> (Vacated) TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
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### Legend

**qOSHA** - Occupational Safety and Health Administration

**Engineering Measures:** None under normal conditions

### Personal Protective Equipment

**General protective and hygienic measures:** Handle in accordance with good industrial hygiene and safety practice.

**Breathing equipment:** No protective equipment is needed under normal use conditions.

**Protection of hands:** Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

**Eye protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166

## Section 9: Physical and Chemical Properties

**Form:** Liquid

**Odor:** Odorless

**Odor threshold:** No information available

**pH:** 7.6

**Melting point/melting range:** No data available

**Boiling point/boiling range:** No information available

**Flash point:** No information available

**Evaporation rate:** No information available

**Flammability:** No information available

**Upper/lower flammability or explosive limits:** No data available

**Auto ignition temperature:** No information available

**Danger of explosion:** No information available

**Vapor pressure:** No information available

**Vapor density:** No information available

**Relative density:** No information available

**Solubility in/Miscibility with water:** Soluble in water

## Section 10: Stability and Reactivity

**Reactivity:** None known, based on information available.  
**Chemical stability:** Stable under normal conditions.  
**Conditions to avoid:** Incompatible products.  
**Incompatible materials:** Strong oxidizing agents.  
**Hazardous decomposition products:** None under normal use conditions.  
**Hazardous Polymerization:** Hazardous polymerization does not occur.  
**Hazardous Reactions:** None under normal processing.

### Section 11: Toxicological Information

There is no evidence available indicating acute toxicity.  
**Acute toxicity:** Data are conclusive but insufficient for classification

#### **Potential routes of exposure/potential health effects**

**Skin:** No information available  
**Eye:** No information available  
**Inhalation:** No information available  
**Ingestion:** No information available  
**Carcinogenic effects:** No information available  
**Mutagenic effects:** No information available  
**Reproductive toxicity:** No information available  
**Sensitization:** No information available  
**Target organs:** No information available

### Section 12: Ecological Information (non-mandatory)

**Ecotoxicity:** Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.  
**Mobility:** No information available  
**Biodegradation:** No information available  
**Bioaccumulation:** No information available

### Section 13: Disposal Considerations (non-mandatory)

#### **Waste Disposal Methods**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### Section 14: Transport Information (non-mandatory)

**DOT regulations:** Not Regulated

- **Hazard class:** Not Regulated
- **Land transport ADR/RID (cross-border):** Not Regulated
- **ADR/RID class:** Not Regulated
- **Maritime transport IMDG:** Not Regulated

**Air transport ICAO-TI and IATA-DGR:** Not Regulated

- **ICAO/IATA Class:** Not Regulated

#### Section 15: Regulatory Information (non-mandatory)

##### US Federal Regulations

**SARA Section 355 (extremely hazardous substances):** Not applicable

**SARA Section 313 (specific toxic chemical listings):** Not applicable

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):** Not applicable

**TSCA (Toxic Substances Control Act):** Listed

#### Section 16: Other Information

**SDS date of preparation/update:** 21SEPT2023

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