

OSHA Safety Data Sheet

Section 1: Identification

Field	Description
Product Name	MGC Quick Lysis Solution
Manufacturer or Distributor Name	Medicinal Genomics 100 Cummings Center, STE 406L Beverly, MA 01915 1-866-574-3582 support@medicinalgenomics.com
Emergency telephone number	CHEMTREC USA & Canada 1-800-424-9300
Recommended Use	Laboratory Chemicals

Section 2: Hazard(s) Identification

Field	Description
GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)	Not a hazardous substance or mixture.
Signal Word	N/A
Hazard Statement(s)	Not a hazardous substance or mixture.
Precautionary Statement(s)	N/A
Pictograms	N/A

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (%)
Mixture (Trade Secret)	No Hazardous Ingredients	N/A

Section 4: First-Aid Measures

Exposure Route	Description
Inhalation	If inhaled, move to fresh air. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Eye Contact	Remove contact lenses. Protect unharmed eyes. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	If accidentally swallowed, obtain immediate medical attention. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Section 5: Fire-Fighting Measures

Field	Description
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific Hazards Arising from the Chemical	Exposure to decomposition products may be a hazard to health. No hazardous combustion products are known.
Special Protective Equipment and Precautions for Fire-Fighters	In the event of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Field	Description
Personal Precautions, Protective Equipment, and Emergency Procedures	Use personal protective equipment. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Methods and Materials for Containment and Cleaning Up	Keep in suitable, closed containers for disposal. Do not allow uncontrolled discharge of product into the environment.

Section 7: Handling and Storage

Field	Description
Precautions for Safe Handling	Normal measures for preventive fire protection. For personal protection see

Field	Description
	section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for Safe Storage, Including Any Incompatibilities	No decomposition if stored and applied as directed.

Section 8: Exposure Controls/Personal Protection

Field	Description
Appropriate Engineering Controls	Contains no substances with occupational exposure limit values.
Individual Protection Measures, such as Personal Protective Equipment (PPE)	<p>The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).</p> <p>Safety glasses required.</p> <p>Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear footwear to protect against chemicals. Keep away from food and drink. When using, do not eat, drink or smoke.</p>

Field	Description
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Section 9: Physical and Chemical Properties

Property	Value
Appearance	Liquid / Clear Solution
Odor	No data available
pH	No data available
Melting Point/Freezing Point	No data available
Boiling Point and Boiling Range	No data available
Flash Point	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Density	No data available
Solubility(ies)	No data available
Partition Coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available

Section 10: Stability and Reactivity

Field	Description
Reactivity	No decomposition if stored and applied as directed.
Chemical Stability	No decomposition if stored and applied as directed.
Possibility of Hazardous Reactions	Stable under recommended storage conditions.
Conditions to Avoid	No data available
Incompatible Materials	No data available
Hazardous Decomposition Products	No decomposition if stored and applied as directed.

Section 11: Toxicological Information

Field	Description
Information on the Likely Routes of Exposure (Inhalation, Ingestion, Skin and Eye Contact)	No data available.
Symptoms/Effects, Acute and Delayed	No data available.
Numerical Measures of Toxicity (such as Acute Toxicity Estimates)	Acute Toxicity - Extremely Low / Non Toxic: LD50 - Rat - Oral - 100 g/kg
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Field	Description
	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 12: Ecological Information

Field	Description
Ecotoxicity (aquatic and terrestrial, where available)	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Ozone-Depletion Potential	Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A + B)

Section 13: Disposal Considerations

Field	Description
Description of Waste Residues and Information on their Safe Handling and Methods of Disposal	Dispose of contents/container in accordance with local regulation. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information

Field	Description
UN Number	Not regulated as a dangerous good
UN Proper Shipping Name	Not regulated as a dangerous good
Transport Hazard Class(es)	Not classified as dangerous in the meaning of transport regulations.
Packing Group, if applicable	Not applicable for product as supplied
Environmental Hazards (e.g., Marine Pollutant)	Not applicable for product as supplied

Section 15: Regulatory Information

Field	Description
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 304 Extremely Hazardous Substances Reportable Quantity	This product does not contain any components with a section 304 EHS RQ.

Field	Description
SARA 311/312	Acute Health Hazard
SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
International	No information available
CA Prop 65	This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.
MA Right to Know Components	No components are subject to the Massachusetts Right to Know Act.
NJ Right to Know Components	No components are subject to the New Jersey Right to Know Act.
PA Right to Know Components	No components are subject to the Pennsylvania Right to Know Act.

Section 16: Other Information, Including Date of Preparation or Last Revision

Field	Description
Date of Preparation	6/24/2023
Date of Last Revision	3/26/2025

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,

transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.