

Safety Data Sheet

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Readiprep™ Protein G-Agarose Resin
Product number: 55017

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For research use only. Not intended for diagnostic or therapeutic use.

1.3 Details of the supplier of the safety data sheet

Company: AAT Bioquest, Inc.
Address: 5775 W Las Positas Blvd, Pleasanton, CA 94588
Telephone: (408)-733-1055
Fax: (408)-733-1304
Email: info@aatbio.com

1.4 Emergency telephone number

Chemtrec (Within USA): 1-(800)-424-9300
Chemtrec (Outside USA): 1-(703)-527-3887

Section 2: Hazard identifications

2.1 Classification of the substance or mixture

Not evaluated; GHS hazards have not been determined.

2.2 Label elements

Signal word: Not available
Hazard statements: Not available
Symbols/Pictograms: Not available
Precautionary statements - prevention: Not available
Precautionary statements - response: Not available
Precautionary statements - storage: Not available
Precautionary statements - disposal: Not available

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Hazards not otherwise classified (HNOC): Not available

2.4 Other information

Other hazards:

Precautionary Statements: Not Applicable. 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.

Section 3: Composition/information on ingredients

3.1 Substances

Chemical name:	ReadiPrep™ Protein G-Agarose Resin
CAS number:	Not available
Molecular weight:	Not applicable
Formula:	Not available

Section 4: First aid measures

4.1 First-aid measures

General advice:	If symptoms occur, seek medical advice/attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Skin contact:	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Inhalation:	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Ingestion:	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Self-protection of the first aider:	Use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Most important symptoms and effects, both acute and delayed: Not Applicable
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4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians:	Treat symptomatically.
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Section 5: Firefighting measures

5.1 Suitable extinguishing media

Suitable extinguishing media:	Water spray. Carbon dioxide (CO2). Foam. Dry chemical.
Unsuitable extinguishing media:	No information available.

5.2 Specific hazards arising from the chemical

Specific hazards arising from the chemical:	Not known
Hazardous combustion products:	No information available.

5.3 Explosion data

Sensitivity to mechanical impact:	No information available.
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Sensitivity to static discharge:	No information available.
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5.4 Protective equipment and precautions for firefighters

Protective equipment and precautions for firefighters:	Standard procedure for chemical fires.
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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions:	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
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6.2 Environmental precautions

Environmental precautions:	No special environmental precautions required. See Section 12 for more information.
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6.3 Methods and material for containment and cleaning up

Methods for containment:	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up:	Soak up with inert absorbent material.

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:	Always wear recommended Personal Protective Equipment. No special handling advices are necessary.
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7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:	Keep in a dry, cool and well-ventilated place.
Incompatible materials:	No information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Exposure guidelines:	We are not aware of any national exposure limit.
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8.2 Appropriate engineering controls

Engineering controls:	Ensure adequate ventilation, especially in confined areas.
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8.3 Individual protection measures, such as personal protective equipment

Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin and body protection:	Hand protection: Impervious gloves. Skin and Body Protection: Lightweight protective clothing.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and chemical properties

Physical state:	Liquid
Solubility in water:	Low
Appearance:	No information available.
Odor/odor threshold:	No data available
pH:	No data available

Melting point/freezing point:	No data available
Boiling point:	No data available
Flashpoint:	No data available
Liquid density:	No information available.
Evaporation rate:	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Specific gravity:	No information available.
Water solubility:	No data available
Solubility in other solvents:	No information available.
Partition coefficient:	No data available
Autoignition temperature:	No data available
Decomposition temperature:	No information available.
Viscosity:	No data available
Explosive properties:	No information available.
Oxidizing properties:	No data available

Section 10: Stability and reactivity

Reactivity:	None known.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Hazardous reaction has not been reported
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	None under normal processing.
Incompatible materials:	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products:	None under normal use conditions.

Section 11: Toxicological information

11.1 Information on likely routes of exposure

Inhalation:	May be harmful by inhalation.
Eye contact:	May cause eye irritation with susceptible persons.
Skin contact:	May cause skin irritation in susceptible persons.
Ingestion:	May be harmful if swallowed.

11.2 Information on toxicological effects

Symptoms:	No information available.
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11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity:	Carcinogenic effects: None. Mutagenic effects: None. Reproductive toxicity: None. Sensitization: None.
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11.4 Numerical measures of toxicity - product information

Unknown acute toxicity:	No toxicology information is available.
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Section 12: Ecological information

Ecotoxicity:	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Persistence and degradability:	Inherently biodegradable.
Bioaccumulation:	Material does not bioaccumulate.
Mobility:	No information available.

Section 13: Disposal consideration

Disposal of wastes:	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging:	Do not reuse container.
Other information:	None

Section 14: Transport information

DOT:	Not regulated
IMDG:	Not regulated
IATA:	Proper Shipping Name: No dangerous good in sense of these transport regulations; Hazard Class: None; Subsidiary class: None; Packing group: None; UN-No: None; Environmental hazards: None

Section 15: Regulatory information

15.1 International Inventories

US Toxic Substances Control Act (TSCA):	Not listed
Canada (DSL/NDL):	Not listed
Europe (EINECS/ELINCS/NLP):	Not listed
Australia (AICS):	Not listed
South Korea (KECL):	Not listed
China (IECSC):	Not listed
Japan (ENCS):	Not listed
Phillipines (PICCS):	Not listed

15.2 US Federal Regulations

SARA 313:	This product is not regulated by SARA.
SARA 311/312 components:	Not listed
CWA (Clean Water Act):	No information available.

15.3 US State Regulations

California Proposition 65:	This product does not contain any Proposition 65 chemicals.
Massachusetts-RTK:	Not listed
New Jersey-RTK:	Not listed
Pennsylvania-RTK:	Not listed
U.S. State Right-To-Know Regulations:	Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61); This product does not contains HAPs. WHMIS Hazard Class: Non-controlled. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Section 16: Other information

16.1 HMIS

Health hazards:	Not determined
Flammability:	Not determined
Reactivity:	Not determined
Personal protection:	Not determined

16.2 NFPA

Health hazards:	Not determined
Flammability:	Not determined
Stability:	Not determined
Physical and chemical properties:	Not determined

16.3 Further 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. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Users should make independent decisions regarding the completeness of the information based on all sources available. AAT Bioquest shall not be held liable for any damage resulting from handling or from contact with the above product.