

SAFETY DATA SHEET



According to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Revision Date: 03/19/2018

Version 1.1

SECTION 1. Identification

Product identifier

Catalog number: P2402-500G, P2402-1KG, P2402-EZ
Product name : PurMa™ Broth LB Agar Medium (Powder)
Size : 500 g, 1 kg, 25 g
Category : Bacterial Culture Reagents

Relevant identified uses of the substance or mixture:

Identified uses: Medium to grow microorganism in laboratory settings

Details of the supplier of the safety data sheet

Company information:

Purmabiologics LLC,
755 Research Parkway, Suit No: 450A,
Oklahoma City, OK 73104-3629
United States of America

General Inquiries: +1-877-720-6116, Monday to Friday, 9:00 AM to 5:00 PM central Time (GMT-5)

SECTION 2. Hazards identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS-Label elements including precautionary statements

Not a hazardous substance or mixture

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

None

SECTION 3. Composition/information on ingredients:

Composition: Proprietary

Remarks: No hazardous ingredients according to the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 4. First aid measure

Description of first-aid measures:

Inhalation: After inhalation at high temperature above 105°F: fresh air.

Skin contact: After skin contact wash off with plenty of water. Remove contaminated clothing.

Eye contact: After eye contact rinse out with plenty of water.

Ingestion: After swallowing make victim drink water (two glasses at most). Consult doctor if feeling unwell. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: We have no description of any toxic symptoms.

Indication of any immediate medical attention and special treatment needed: No information available.

SECTION 5. Fire-fighting measures

Extinguishing media: Suitable extinguishing media: Not applicable; Unsuitable extinguishing media: Not applicable

Special hazards arising from the substance or mixture: See section 2

Advice for firefighters: Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.

Environmental precautions: Not applicable

Methods and materials for containment and cleaning up: Not applicable

SECTION 7. Handling and storage

Precautions for safe handling: Observe label precautions.

Conditions for safe storage, including any incompatibilities: Tightly closed. Dry.

Store at +2°C to +8°C (+35.6°F to +46.4°F).

SECTION 8. Exposure controls/personal protection

Exposure limit(s): Contains no substances with occupational exposure limit values.

Engineering measures: Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

Individual protection measures: Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

Hygiene measures: Not applicable

Eye/face protection: Safety glasses

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should always be worn when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection:

Required when dusts are generated, and temperature is over 105°F

In the mentioned temperature use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9. Physical and chemical properties

Physical state : Powder
Color : Beige
Odor : Characteristic odor
pH Range : No information available
Melting point : No information available.
Boiling point : No information available.
Flash point : No information available.
Evaporation rate : No information available.
Vapor pressure : No information available.
Relative vapor density : No information available.
Density : No information available.
Relative density : No information available.
Solubility : Water soluble
Explosive properties : Not classified as explosive.
Oxidizing properties : None
Hazardous Polymerization: Does not occur

SECTION 10. Stability and reactivity

Reactivity: No information available.

Chemical stability: The product is chemically stable under standard ambient conditions (room temperature).

Possibility of hazardous reactions: See section 2

Conditions to avoid: No information available

Incompatible materials: No information available

Hazardous decomposition product: In the event of fire: See section 5.

SECTION 11. Toxicological information

Acute Toxicity

Not hazardous.

Principle Route of Exposure/Potential Health Effects

Eye: 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.

Mutagenic Effects: None

Reproductive Toxicity: None

Sensitization: None

Target Organ Effects: No known effects under normal use conditions

Carcinogenicity:

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH

Further information:

No toxic effects are to be expected when the product is handled appropriately. Handle in accordance with good industrial hygiene and safety practice.

SECTION 12. Ecological information

Ecotoxicity: No information available.

Biodegradability: Inherently biodegradable

Bioaccumulation: Does not bioaccumulate

Mobility in soil: No information available.

SECTION 13. Disposal considerations

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

Land transport (DOT): Not classified as dangerous in the meaning of transport regulations.

Air transport (IATA): Not classified as dangerous in the meaning of transport regulations.

Sea transport (IMDG): Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory information United States of America 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.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. clear Water Act, Section 311, Table 117.3.

DEA List I: Not listed

DEA List II: Not listed

US State Regulations:

Massachusetts Right to Know Act

No components are subject to the Massachusetts Right to Know Act.

California Prop 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

WHMIS Hazard Class

Non-controlled

Canadian Regulations

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 CPR.

Notification status

TSCA: All components of the product are listed in the TSCA-inventory.

DSL: All components of this product are on the Canadian DSL.

SECTION 16. Other information

Training advice:

Provide adequate information, instruction and training for operators.

Key or legend to abbreviations and acronyms used in the safety data sheet

Used abbreviations and acronyms can be looked up at www.wikipedia.org.

Disclaimer: For R&D use only. Not for drug, household or other uses.

The information contained herein is based on the present state of our knowledge. It characterizes the product regarding appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

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