

SAFETY DATA SHEET

SECTION 1 --- IDENTIFICATION

Product Name: Proximate Analysis Reference Material
Common Synonyms: Prox Reference
Part numbers: LQC-PRX-R, LQC-PRXII-R
Product Use: Laboratory Reagent, Analytical standards/reference material.
Restrictions: Not for human consumption. Intended for laboratory use only.

Manufacturer/Supplier:
Axion/Bion Analytical
P.O. Box 85252
Sioux Falls, SD 57118
TEL: (605) 838-6679

In Case of EMERGENCY Call INFOTRAC: (800) 535-5053

SECTION 2 --- HAZARD IDENTIFICATION

Combustible dust

Signal Word: Warning



Hazard Statements: May form combustible dust concentrations in air.
May cause skin and eye irritation.

SECTION 3 --- COMPOSITION/INFORMATION ON INGREDIENTS

Not a hazardous mixture according to OSHA.

<u>Component</u>	<u>CAS No./EC No.</u>	<u>Concentration (dw%)</u>
Starch	9005-25-8/232-679-6	20-80% dw
Cellulosic Content (fiber)	9004-34-6/232-674-9	10-80% dw
Proprietary Other Ingredients	N/A	10-80% dw

SECTION 4 --- FIRST AID MEASURES

Emergency and First Aid Procedures

INGESTION: Rinse mouth with water. Consult a physician.

INHALATION: Supply fresh air. If required provide artificial respiration. Consult a physician.

SKIN CONTACT: Wash with water and soap and rinse thoroughly. Consult a physician.

EYE CONTACT: Rinse opened eye for several minutes under running water as a precaution.

SECTION 5 --- FIRE-FIGHTING MEASURES

Fire Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Toxic Gases Produced: Carbon oxides

Protective equipment: Wear self-contained respirator if necessary.

SECTION 6 --- ACCIDENTAL RELEASE MEASURES

Steps to be Taken in the Event of a Spill or Discharge

Use PPE. Avoid dust formation. Avoid breathing vapors/dust. Ensure adequate ventilation. Prevent product from entering drains.

SECTION 7 --- HANDLING AND STORAGE

Storage Requirements

Keep container tightly closed. Store in a cool and dry area. Wash thoroughly after use. Ensure adequate ventilation.

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SECTION 8 --- EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL (starch): TWA 10 mg/m³
OSHA PEL (cellulose): TWA 15.0 mg/m³

Eye/Face Protection: Safety glasses and/or goggles
Protective Clothing: Coat & Apron
Protective Gloves: Use chemically resistant gloves
Ventilation Requirements: Use in well ventilated area, use dust mask or respirator if dust is formed

SECTION 9 --- PHYSICAL and CHEMICAL PROPERTIES

Appearance and odor: White to off-white powder with no distinct odor
Boiling Point: Not determined
Melting Point: Not determined
Specific Gravity: Not determined
Physical State: Solid
Vapor Pressure (mmHg): Not determined
Vapor Density (air=1): Not determined
Evaporation Rate: N/A
Flash Point (Closed Cup): not determined
Auto ignition Temperature: not determined
Flammable Limits: Upper - not determined
Lower - not determined

SECTION 10 --- STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions
Conditions to Avoid: No data
Incompatibles: Strong oxidizing agents
Decomposition Products: Carbon oxides
Conditions to avoid: Exposure to air or moisture over long periods of time.

SECTION 11 --- TOXICOLOGICAL INFORMATION

Acute toxicity: LD₅₀, Intraperitoneal, Mouse: (Starch) 6,600 mg/kg; LD₅₀, Oral, Rat: (Cellulose) >5,000 mg/kg
RTECS (cellulose): FJ5691460
RTECS (starch): Not available

Not all chemical, physical and toxicological properties have been thoroughly investigated.

SECTION 12 --- ECOLOGICAL INFORMATION

No ecological information available for this product.

SECTION 13 --- DISPOSAL CONSIDERATIONS

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

SECTION 14 --- TRANSPORT INFORMATION

Domestic (D.O.T.)

This product is not classified as a dangerous good.

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SECTION 15 --- REGULATORY INFORMATION

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

SECTION 16 --- OTHER INFORMATION

Revision Date: 6/21/2019

N/A =Not Applicable or Not Available

N/E = Not Established

The information in this Material Safety Data Sheet meets the requirements of the United States OCCUPATIONAL SAFETY AND HEALTH ACT and regulations promulgated there under (29 CFR 1910.1200 et. seq.) and the Canadian WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. This document is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, chemical handling. The user is responsible for determining the application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes.

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