

Various Paper Products

1. Identification

Product Name: Various Paper products, including;

"Zorbentz", Biopsy Wraps, "Kim Wipes" Gauzes, Filter Papers, Cassette Papers, Lens papers, Biopsy Bags, Cassette (biopsy) Paper, Chipboard Slide Folders and Mailers.

Item #: LP1111, LP1111-B, LP606, KY1000, KY1001, GZ0404, GZ0408, GZ0412, GZ0408-2M, GZ0404-CS, BB0023, BB0024, BB0024-W, BB0202W, BBG100, BBG200, BBG044, 41311198, 41311196, FP-642090, FX3104, FX3105, FX3200, M963FW, DX26280, DX26280-5, DX26290, DX26290-5, X25300, X25300-5, X26280, X26280-5, CG1111-X, CG1111-XF, CG1111-DBL-XF, CG1111, CG1111-F, CG1111-DBL-F, CK1000, CK1000-F, CK1000-DBL-F, CK1000-LPC, AF0020-BX, AF0020, AF0020-B, AF0020-G, AF0020-R, AF0020-W, AF0020-O, AF0020-Y, AF0020-HP, FX8014, FX8015, FX8016, FX8017,

Synonyms: Paper Towel, Gauze

Recommended Use: Towel for soaking up Reagents

Restrictions on Use:

In Case of Emergency:

Chemtrec US 1-800-424-9300

Manufacturer:

Cancer Diagnostics, Inc.
 4300 Emperor Blvd. #400
 Durham, NC 27703
 1-877-846-5393

2. Hazards Identification

This product is not hazardous in the form in which it is shipped based on evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Product may become hazardous by downstream activities (e.g., slitting, cutting, pulverizing) that reduce its particle size. Those hazards are described below.

OSHA Hazard Classification(s): Combustible Dust

Signal Word: Warning

Hazard Statement(s): If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

Pictogram(s): N/A

Precautionary Statement(s): Prevention: N/A

Response: N/A

Storage: N/A

Disposal: N/A

Descriptions of Hazards not otherwise classified: Exposure to dust from processing this product may aggravate those with pre-existing eye, skin, or respiratory conditions.

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

Chemical Name	EC #	CAS #	Concentration %
Cellulose Fibers		65996-61-4	>99

Various Paper Products

4. First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking, or redness persist.

Skin Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking, or redness persist.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical attention if a large amount is swallowed.

Symptoms:

Inhalation: Dust from this product may cause irritation to the respiratory tract.

Skin: Prolonged contact with large amounts of dust may cause mechanical irritation.

Eye Contact: Eye contact with large amounts of dust may cause mechanical irritation.

Ingestion: If a large quantity has been ingested: Gastrointestinal irritation.

Chronic: None expected under normal conditions of use

Recommendations for immediate medical care/special treatment: If you feel unwell, seek medical advice

5. Fire- Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol-resistant foam, water spray.

Extinguishing Media For Surrounding Fires: Adapt extinguishing media to the environment.

Unsuitable extinguishing media: No unsuitable extinguishing media known.

Fire Hazards: May form combustible dust when processed.

Explosion Hazards: When processed may form a dust explosion hazard in air. Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Reactivity: Hazardous reactions will not occur under normal conditions.

Special Protective Equipment:

Precautions for Firefighters: Exercise caution when fighting any chemical fire

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂)

6. Accidental Release Measures

General Measures: Avoid unnecessary contact of dust with skin, eyes, or clothing. Avoid breathing (dust). Avoid creating dusty conditions whenever feasible.

Emergency Procedures:

For non-emergency personnel: Use appropriate personal protection equipment (PPE). Evacuate unnecessary personnel.

For emergency responders: Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions: Prevent entry to sewers and public waters.

Containment and Clean-Up Procedures:

Containment: Contain and collect as any solid

Clean up: For dust: use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Avoid generation of dust during clean-up of spills. Contact competent authorities after a spill.

7. Handling and Storage

Precautions for safe handling:

Additional hazards when processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Handling: Avoid open flame.

Hygiene: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Various Paper Products

Storage: No special handling precautions are required for product in purchased form. Keep in cool, dry place away from open flame

Incompatible materials: Strong acids, strong bases, strong oxidizers

Technical Measures:

Temperature: Room Temperature

Heat-ignition: Avoid open flame.

Prohibitions on mixed storage: N/A

Storage area: N/A

Special rules on packaging:

Suitable packaging materials:

Specific end use(s): As Directed on product.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
Cellulose	65996-61-4	No Data Available

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
Cellulose	65996-61-4	None Established	None Established

Exposure Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Avoid creating or spreading dust. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. Ensure all national/local regulations are observed.

Control Parameters: There are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Personal Protective Measures: Not applicable for product in purchased form.

Suitable protective clothing materials (For Dust):

Hand protection: N/A

Eye protection: In case of excessive dust production, safety goggles are recommended.

Skin and body protection: N/A

Respiratory protection: Use NIOSH-approved dust mask if dust has the potential to become airborne.

Special PPE Requirements:

Other Information: Do not eat, drink or smoke during use

9. Physical and Chemical Properties Section

Appearance: Solid

Molecular Mass: No data available

Molecular Formula: No data available

pH: No data available

Boiling Point and Boiling Range: No data available

Melting Point/Freezing Point: No data available

Critical Temperature: No data available

Flash Point: No data available

Specific Gravity: No data available

Relative Density: No data available

Density: No data available

Odor: No data available

Various Paper Products

Odor Threshold: No data available

Color: Various

Vapor Density: No data available

Upper/Lower flammability or explosive limits: No data available

Oxidizing properties: No data available

Vapor Pressure: No data available

Vapor Pressure (at 50°C): No data available

Critical Pressure: No data available

Evaporation Rate: No data available

Log Pow: No data available

Log Kow: No data available

Explosive properties: Dust explosion hazard in air when processed.

Sensitivity to Mechanical Impact: Not expected to present an explosion hazard due to mechanical impact

Sensitivity to Mechanical Impact: Static discharge could act as an ignition source if dust is dispersed in air

Oxidizing properties: No data available

Viscosity (kinematic): No data available

Viscosity (dynamic): No data available

Auto-ignition temperature: No data available

Solubility: Insoluble

Decomposition Temperature: No data available

VOC content: No data available

Other Properties: No data available

10. Stability and Reactivity

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Safety issue indicated by appearance change: N/A

Other: N/A

Hazardous Reactions: N/A

Hazardous Polymerization: Hazardous polymerization will not occur

Conditions to avoid: Direct sunlight. Heat, hot surfaces, sparks, open flames, and other ignition sources. Incompatible materials.

Classes of Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition generates: Carbon oxides (CO, CO₂).

11. Toxicological Information

Likely Routes of Exposure: None available for product in purchased form.

Eyes: None available for product in purchased form.

Skin: None available for product in purchased form.

Inhalation: None available for product in purchased form. If small particles are generated during further processing, dust may cause irritation to the respiratory tract.

Ingestion: None available for product in purchased form.

Specific Organ Toxicity (Repeated and Single Exposure): None classified

Signs or Symptoms of Exposure: Dust from this product may cause irritation to the respiratory tract.

Various Paper Products

Effects from short term exposure (delayed, immediate, chronic): None expected under normal conditions of use.

Acute Toxicity (Numerical Measures): Not classified

Carcinogenicity (NTP, IARC, OSHA): Not classified

Cellulose (CAS No 65996-61-4)	
LC50 Inhalation rat (mg/l)	5,800 mg/m ³ /4 hours.
LC50 Inhalation rat (ppm)*	Not Available

12. Ecological Information

Ecotoxicity:

Ecology - General: Not available

Ecology - Air: Not available

Ecology - Water: Not available

Persistence and degradability: Biodegradability in water: no data available.

Bioaccumulation Potential: Not available

Mobility in the soil: Not available

Adverse Environmental Effects: Avoid release to the environment.

13. Disposal Considerations

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations

Additional Information:

Ecology - waste materials: Avoid release to the environment.

14. Transport Information

US DOT (ground):

Not Regulated

ICAO/IATA (air):

Not Regulated

IMO/IMDG (water):

Not Regulated

DOT Proper Shipping Name: Not Regulated

DOT Hazard Classes: Not Regulated

DOT Hazard labels: Not Regulated

15. Regulatory Information

US Federal Regulations

All ingredients of this product are either listed on the TSCA inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

Canadian Regulations

WHMIS Classification: Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

Various Paper Products

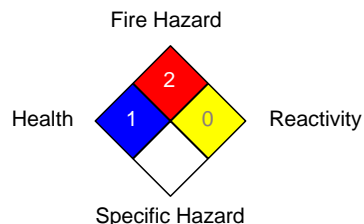
16. Other Information

Revision Date: 03/22/2018

NFPA

Health	1
Fire Hazard	2
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.