

Various Polypropylene Plastic Products

1. Identification

Product Name: Various Polypropylene Plastic products, including; Centrifuge Tubes, Empty Prefill Jars, Pipettes, 4 Slide Jars, Plastic Slide Mailers.

Item #: CTS050, CTG050, FX1004-EC, FX1004-EL, FX1004-EBL, FX1004-EBB, FX1006-EC, FX1006-EL, FX1006-EBL, FX1006-EBB, FX1007-EC, FX1007-EBL, FX1007-EL, FX1007-EBB, FX1008-EC, FX1008-EL, FX1008-EBB, FX1008-EBL, FX1009-EC, FX1009-EBL, FX1009-EL, FX1009-EBB, FX1010-EC, FX1010-EL, FX1010-EBL, FX1010-EBB, FX1011-EC, FX1011-EBL, FX1011-EL, FX1011-EBB, FX1132-EC, FX1032-EBL, FX1132-EL, FX1132-EBB, FX1511-EC, FX1511-EL, FX1511-EBL, FX1511-EBB, FX1012-EC, FX1012-EL, FX1012-EBL, FX1012-EBB, PT1000, PT1000-CUT, 004250, 2SM00, 2SM01, 7131310, 7131311, 7131312, 7131313, 7131314, 7131315, 8131315, FX8010, FX8011, FX8013, FX8013

Synonyms: PP

Recommended Use: As directed

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.

OSHA (GHS) Hazard Classification(s): Non-Hazardous

Signal Word: N/A

Hazard Statement(s): N/A

Pictogram(s): N/A

Precautionary Statement(s): Prevention: N/A

Response: N/A

Storage: N/A

Disposal: N/A

Primary Routes of Exposure: Eyes or skin contact

Potential Health Effects

Acute Effects

Inhalation: Health injuries not expected. Not a probable route of exposure under ordinary conditions.

Skin contact: Health injuries not expected. Possible mechanical irritation.

Eye contact: Health injuries not expected. Possible mechanical irritation from dust or powder.

Ingestion: Health injuries not expected. Not a probable route of exposure.

Chronic effects: Ongoing exposure may aggravate acute effects

Carcinogenicity: See Section 11

Medical conditions aggravated by long term exposure: Ongoing exposure may aggravate acute effects.

3. Composition and Information on Ingredients

Chemical Name	EC #	CAS #	Concentration %
Polypropylene		9003-07-0	>99

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4. First Aid Measures

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

Eye Contact: Flush eyes with plenty of water. Get medical attention if irritation develops or persists.

Skin Contact:

If in contact with solid material, wash with soap and water. If in contact with molten material, submerge injured area in cold water. Do not attempt to remove material adhering to the skin. Get medical attention if irritation develops or persists.

Inhalation: This material is not likely to be hazardous by inhalation. Consult a physician if symptoms develop or persist.

Ingestion: Not a probable route of exposure

Symptoms:

Inhalation: No data available

Skin: No data available

Eye Contact: No data available

Ingestion: No data available

Chronic: No data available

Recommendations for immediate medical care/special treatment: No data available

5. Fire- Fighting Measures

Extinguishing Media: Use water fog, dry chemical, carbon dioxide or foam as appropriate for materials in surrounding fire

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

Unsuitable extinguishing media: Avoid using direct streams of water on molten burning material as it may scatter and spread the fire.

Fire Hazards: Melts in proximity to fires resulting in slippery floors and stairs

Explosion Hazards: Static Charges or on powders or powders in liquids may ignite combustible atmospheres. Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard. See NFPA Bulletin 654 "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids" for safe handling procedures.

Reactivity: No data available.

Special Protective Equipment: As in any fire, wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing. Watch footing on floors and stairs because of possible spreading of molten material.

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: No Data available

6. Accidental Release Measures

General Measures: No special environmental precautions required

Emergency Procedures:

For non-emergency personnel: No special environmental precautions required

For emergency responders: No special environmental precautions required

Environmental Precautions: No special environmental precautions required

Containment and Clean-Up Procedures:

Containment: Contain and collect as any solid

Clean up: Containment of this material should not be necessary. Sweep up or gather material and place in appropriate container for disposal.

7. Handling and Storage

Precautions for safe handling:

Additional hazards when processed: No data available.

Handling: Keep away from heat, flame and strong oxidizing agents.

Hygiene: No data available

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Storage: Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight.

Incompatible materials: strong oxidizers

Technical Measures:

Temperature: < 173°C

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
Polypropylene	9003-07-0	No Data Available

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
Polypropylene	9003-07-0	None Established	None Established

Engineering Controls:

Use recommended safe handling practices to minimize unnecessary exposure. General room ventilation is adequate for storage and ordinary handling. Use local exhaust at points of fume generation or if dusty conditions prevail.

Personal Protective Equipment:

Wear safety glasses with side shields or chemical goggles to prevent eye contact. Have eye-washing facilities readily available where eye contact can occur. Do not wear contact lenses when working with this substance. Wear impervious gloves and protective clothing to prevent skin contact. Use NIOSH or MSHA approved equipment.

Control Parameters: No data available

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

Suitable protective clothing materials:

Hand protection: N/A

Eye protection: N/A

Skin and body protection: N/A

Respiratory protection: N/A

Special PPE Requirements:

Other Information: N/A

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: 174°C

Critical Temperature: No data available

Flash Point: 200°C (392°F)

Specific Gravity: No data available

Relative Density: No data available

Density: No data available

Odor: Waxy characteristic

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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: No data available
Sensitivity to Mechanical Impact: No data available
Sensitivity to Mechanical Impact: No data available
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: Not reactive under normal conditions of storage and use.
Chemical Stability: Stable under recommended handling and storage conditions (see section 7). Avoid exposure to open flame or exceeding the recommended processing conditions.
Safety issue indicated by appearance change: N/A
Other: N/A
Hazardous Reactions: N/A
Hazardous Polymerization: No Data available
Conditions to avoid:
Avoid dust/air mixtures or static charge buildup. Avoid contact with incompatible materials such as oxidizing agents or amines.
Classes of Incompatible Materials: Avoid contact with strong oxidizers, strong acids or flammable materials.
Hazardous Decomposition Products:
Material does not decompose at ambient temperatures. Combustion or high heat may produce thermal decomposition products that may include carbon monoxide, carbon dioxide, dense smoke, and other toxic vapors.

11. Toxicological Information

Likely Routes of Exposure: Eyes and Skin contact.
Eyes: None available for product in purchased form.
Skin: Mechanical irritation of eyes and skin.
Inhalation: None available for product in purchased form.
Ingestion: None available for product in purchased form.
Specific Organ Toxicity (Repeated and Single Exposure): None classified
Signs or Symptoms of Exposure: Irritation of eyes and skin.

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

Acute Toxicity (Numerical Measures): Oral Toxicity LD50 Not Available;

Carcinogenicity (NTP, IARC, OSHA): This product has not been found to be carcinogenic by the NTP, ACGIH, IARC or OSHA. This product has no known adverse effect on human health.

Polypropylene (CAS No 9003-07-0)	
LC50 Inhalation rat (mg/l)	No Available
LC50 Inhalation rat (ppm)*	Not Available

12. Ecological Information

Ecotoxicity:

Ecology - General: No known or expected ecotoxicity

Ecology - Air: No known or expected ecotoxicity

Ecology - Water: No known or expected ecotoxicity

Persistence and degradability: Biodegradability in water: Not determined.

Bioaccumulation Potential: Not determined.

Mobility in the soil: Not determined.

Adverse Environmental Effects: Avoid release to the environment.

13. Disposal Considerations

Waste Disposal Recommendations:

Dispose of this product in compliance with all applicable federal, state and local regulations. The unused product is not specifically listed by EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP).

Additional Information:

Polypropylene is a recyclable plastic

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

SARA TITLE III Information:

Hazard categories for the Superfund Amendments and Reauthorization Act (SARA) Section 311/312/313 (40 CFR 370)

Polypropylene (CAS No 9003-07-0)		
Immediate Hazard: No	Fire Hazard: No	
Delayed Hazard: No	Reactivity Hazard: No	Pressure Hazard: No

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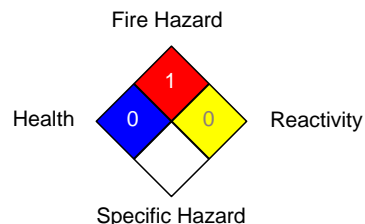
16. Other Information

Revision Date: 03/27/2018

NFPA

Health	0
Fire Hazard	1
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	0
Flammability	1
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	0
Flammability	1
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.

