

Various Nylon Products

1. Identification

Product Name: Various Nylon Products, Including;

Item: BIO3045W, BIO3045WM, BIO3045Y, BIO3045YM, BIO3045YW, BIO4573W, BIO4573WM, BIO7595W, BIO7595WM

Synonyms: Polyamide-6 (Nylon-6)

Recommended Use: As directed

Manufacturer:

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

Restrictions on Use: N/A

Emergency Contact:

Chemtrec US 1-800-424-9300
 Chemtrec International 703-527-3887

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 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

Descriptions of Hazards not otherwise classified: No data available.

Percent of mixture with unknown acute toxicity: N/A

Primary routes of exposure: Eyes or skin contact

Acute effects:

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

Inhalation: 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	Common Name	CAS #	Concentration %
Polyamide-6-_Nylon-6_	Nylon	25038-54-4	>99

4. First Aid Measures

Description of first aid measures

General Information: Never give anything by mouth to an unconscious person.

Inhalation: Not a probable route of exposure.

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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.

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

Ingestion: Not a probable route of exposure.

Most important symptoms and effects, both acute and delayed: No data available.

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

5. Fire- Fighting Measures

Use water fog, dry chemical, carbon dioxide or foam as appropriate for materials in surrounding fire. Avoid using direct streams of water on molten burning material as it may scatter and spread the fire. Melts in proximity to fires resulting in slippery floors and stairs. Static charges 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. 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.

6. Accidental Release Measures

Reference to other sections: Refer to Section 8.

Emergency action: No special environmental precautions required.

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

7. Handling and Storage

Reference to other sections: Refer to Section 8.

Precautions for safe handling: keep away from heat, flame and strong oxidizing agents.

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight.

Specific end use(s): No data available.

8. Exposure Controls/Personal Protection

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.

9. Physical and Chemical Properties Section

Form/Color: Solid

Odor: Characteristic waxy

Odor Threshold: Not determined

pH: N/A

Boiling Point and Boiling Range: Not determined

Melting Point/Freezing Point: 200-250°C

Decomposition Temperature: Not determined

Flash Point: N/A

Auto-ignition temperature: No data available

Explosive properties: N/A

Oxidising properties: N/A

Flammability (solid/gas): N/A

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Upper/Lower flammability or explosive limits: N/A

Vapor Density: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Specific Gravity/Relative Density: 1.12-1.15

Solubility in water: Negligible

Solubility: Negligible

Viscosity: N/A

Other: N/A

10. Stability and Reactivity

Reactivity: Not reactive under normal conditions of storage and use.

Chemical stability: Stable under normal conditions of storage and use. Avoid exposure to open flame or exceeding recommended processing conditions.

Possibility of hazardous reactions: N/A

Conditions to avoid: Avoid dust-air mixtures or static charge buildup. Avoid contact with incompatible materials such as oxidizing agents or amines.

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

Information on toxicological effects

Likely Routes of Exposure: Eyes and skin contact.

Acute Effects: Mechanical irritation of eyes and skin.

Oral Toxicity LD50: Not Available

Inhalation Toxicity LD50: Not Available

Chronic Effects: None known.

Symptoms: Irritation of eyes and skin.

Carcinogenicity: This product has not been found to be carcinogenic by the NTP, ACGIH, IARC or OSHA.

Further information: This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity: No known or expected ecotoxicity.

Toxicity to fish (chronic): No data available

Persistence and degradability: Not determined

Mobility in Soil: Not determined

Other information: Do not discharge product unmonitored into the environment.

13. Disposal Considerations

Disposal methods: 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)

14. Transport Information

Reference to Other Sections: Refer to Section 6: Accidental Release Measures

D.O.T. 49 CFR 172.101: Not regulated

TDG: Not regulated

UN Proper Shipping Name/Number: Not regulated

IMDG: Not regulated

IATA: Not regulated

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15. Regulatory Information

SARA TITLE III Information

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

Immediate Hazard: No

Delayed Hazard: No

Fire Hazard: No

Pressure Hazard: No

Reactivity Hazard: No

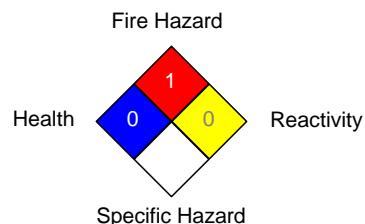
16. Other Information

Revision Date: 09/06/2018

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.