



Safety Data Sheet for μ Drop GPS[®] Dish

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: μ Drop GPS[®] Dish
Catalogue Numbers: MGPS-010
Manufacturer: LifeGlobal Group, LLC, 393 Soundview Rd, Guilford, CT 06437 US
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Component	CAS-code	Approx. %
Polystyrene	9003-53-6	>98%

3. HAZARDOUS IDENTIFICATION

The product is not classified as hazardous according to U.S. D.O.T. and the EU Directive 67/548/EEC.

4. FIRST AID MEASURES

Eye contact: Rinse with water for a few minutes. Seek medical attention if necessary.
Skin contact: Exposure to molten resin may cause thermal burns. If molten material comes in contact with skin, cool under ice water or running stream of water. Do not attempt to remove the material from the skin. Get medical attention.
Inhalation: Remove to fresh air. Get medical attention.
Ingestion: No adverse health effects expected from ingestion. Obtain medical attention if any discomfort should occur.

5. FIRE FIGHTING MEASURES

Flash point: Not applicable.
Extinguishing media: Dry chemical powder, foam, carbon dioxide. Do not use water spray as this will scatter the fire.
Fire & Explosion Hazard: May be combustible at high temperature. Fire may produce irritating gases and dense smoke.
Special firefighting procedure: Contact emergency personnel as necessary. Avoid breathing smoke, fumes and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate area and fight fire from a safe distance. Use dry chemical extinguisher (ABC or AB). Use water spray or fog. Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

The Polystyrene material is in a solid state and nor applicable for this section.

7. HANDLING AND STORAGE

Recommended storage temperature: Store in ventilated area, avoid extreme heat and any source of ignition or open flame.
Shelf life: Five (5) years.
Handling (Personnel): Use care in handling/storage. Protect against flame and intense heat.
Handling (Physical Aspects): Do not store at temperatures of extreme heat.
Storage precautions: Avoid extreme temperatures.



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls:	Mechanical Exhaust required. Safety shower and eye bath. Chemical safety goggles.
Eye/face protection:	When splashing of any material contained in the dish may occur, goggles or a face shield is recommended.
Skin protection:	Wear gloves. Wash thoroughly after handling.
Respiratory protection:	Avoid inhalation. Respiratory protection unnecessary.
Exposure guidelines:	Avoid contact with molten material on the skin, eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid
Color:	None
Odor:	None
Solubility in water:	Does not dissolve in water

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility:	Keep away from heat, sparks and flame. Avoid storage or contact with strong oxidizing agents.
Hazardous combustion or decomposition products:	carbon dioxide, carbon monoxide

11. TOXICOLOGY INFORMATION

Polystyrene is not a known carcinogen. Not listed as a carcinogen by OSHA, NTP, or IARC. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition.

Eye:	Nontoxic at room temperature. Irritating vapors may form if the polymer is processed at high temperature. Not considered a potential route of exposure under normal laboratory use.
Skin:	No known effects of this product resulting from skin contact at room temperature. Not considered a potential route of exposure under normal laboratory use.
Inhalation:	Negligible at room temperature. Irritating vapors may form if the polymer is processed at high temperatures. Not considered a potential route of exposure under normal laboratory use.
Ingestion:	No effects are expected for ingestion of small amounts. Not considered a potential route of exposure under normal laboratory use.

12. ECOLOGICAL INFORMATION

No known ecological damage.

13. DISPOSAL CONSIDERATION

Waste Disposal:	Treat or dispose of waste material in accordance with all local state/provincial, and national requirements. Dispose with laboratory waste.
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14. TRANSPORTATION INFORMATION

Product Label:	µDrop GPS® Dish
D.O.T. Hazard Class:	Non-Hazardous
IATA/ICAO Air (54th edition IATA 2013):	Non-Hazardous

15. REGULATORY INFORMATION

This material is not Hazardous by OSHA Hazardous Communication Standard 29 CFR 1910.1200.



EC REP



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16. OTHER INFORMATION

Information Sources:

This information is offered and is accurate to the best knowledge of LifeGlobal Group, LLC. The data on this sheet are related only to the specific material designated herein.

Disclaimer:

No claim is made that the information is all-inclusive, and it should be used only as a guide. LifeGlobal Group shall not be held liable for any damage resulting from handling or from contact with the product.