

Safety Data Sheet

1. Product and Company Information

Product name	:	Petri Dish PD-47A,PD-1
Supplier company name, address, phone number	:	
Company	:	Toyo Roshi Kaisha, Ltd.
Head office	:	Hibiya-Kokusai BLDG 5F, 2-2-3 Uchisaiwaicho, Chiyoda-ku, Tokyo, 100-0011 Japan
Section in charge	:	Quality Assurance Division
Phone	:	+81-3-5521-2176
Fax	:	+81-3-5521-2177
E-mail	:	trk-hinsho@advantec.co.jp
Recommended application	:	Microbiological experiment
Restrictions in use	:	Please consult us for other uses.

2. Hazard Summary

GHS Classification	:	
Physical hazards	:	Not applicable to the classification.
Human health hazard	:	Not applicable to the classification.
Environmental hazard	:	Not applicable to the classification.
Label element	:	N/A

3. Composition and Information on ingredients

Chemical substance/Mixture	:	Mixture
Chemical name or general product name	:	Interest for microbiological experiment and particle Analysis.
Ingredients and Content	:	Polystyrene (CAS No.9003-53-6) (Body,Lid) Liquid paraffin (CAS No.8042-47-5)
Reference Number in Gazetted List in Japan	:	
· Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture etc.	:	(6)-120 Polystyrene (9)-1692 Liquid paraffin
· Japanese Chemical Substances Control Act.	:	
Japan's Industrial Safety and Health Act.	:	Not applicable.

4. First Aid Measures

Inhalation	:	Not applicable.
Skin contact	:	Not applicable.
Eye contact	:	Not applicable.
Ingestion	:	Not applicable.

5. Fire Fighting Measures

Extinguishing media	:	Plenty of water (spray), dry chemicals, carbon dioxide, foam chemicals.
Unacceptable extinguishing media	:	No data available.

6.	Accidental Release Measures		
	Personnel precautions, protective equipment and emergency procedures	:	No data available.
	Precautions for environment	:	No data available.
	Methods and materials for containment and cleaning up	:	No data available.
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7.	Handling and Storage		
	Handling	:	There is no concern about ignition or explosion in the condition of room temperature but once fire becomes outbreak, the spreading speed is quick and extinguishing the fire will be very difficult. Due to this concern, to minimize a fire-using and keeping things tidy and in order is recommended.
	Storage	:	Keep it away from direct sunlight, water leaking and rapid temperature fluctuation. For the storage, keep away from a heat source or a source of ignition. Also, keep away from the condition with high temperature and humid.
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8.	Prevention of exposure and human body protection		
	Acceptable concentration Japan Society for Occupational Health	:	No data available.
	Acceptable concentration ACGIH	:	No data available.
	Facility provision	:	Take effective measures if necessary.
	Protective equipment	:	Use appropriate protective tools if necessary.
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9.	Physical and Chemical Properties		
	Physical property	:	Solid, Shallow cylindrical container with lid.
	Color	:	Clear.
	Odour	:	None.
	Melting point / Freezing point	:	No data available.
	Boiling point or initial boiling point and boiling range	:	No data available.
	Flammability	:	Yes.
	Lower explosion limit and upper explosion limit / Flammability limit	:	Not applicable.
	Flash point	:	Not applicable.
	Spontaneous ignition point	:	Not applicable.
	Decomposition temperature	:	Not applicable.
	pH	:	No data available.
	Kinematic viscosity	:	Not applicable.
	Solubility	:	Insoluble in water.
	n-octanol / Water partition coefficient	:	No data available.
	Vapor pressure	:	No data available.
	Density or relative density	:	No data available.
	Relative gas density	:	Not applicable.
	Particle characteristics	:	No data available.

10. Stability and Reactivity

Reactivity	:	Stable under normal handling. Not the self-reactivity.
Chemical Stability	:	Stable for general storage and handling.
Possibility of hazardous reactions	:	Excessive heating may decompose the resin and produce decomposed gas.
Conditions to avoid	:	No data available.
Hazardous substances for mixing	:	No data available.
Hazardous decomposition products	:	No data available.

11. Toxicological Information

Acute toxicity		
(oral)	:	Cannot be classified due to lack of data.
(dermal)	:	Cannot be classified due to lack of data.
(inhalation: gases)	:	Cannot be classified due to lack of data.
(inhalation: vapours)	:	Cannot be classified due to lack of data.
(inhalation: dust and mist)	:	Cannot be classified due to lack of data.
Skin corrosion/ Irritation	:	Cannot be classified due to lack of data.
Serious eye damage/ eye irritation	:	Cannot be classified due to lack of data.
Respiratory sensitization / Skin sensitization	:	Cannot be classified due to lack of data.
Germ cell mutagenicity	:	Cannot be classified due to lack of data.
Carcinogenicity	:	Cannot be classified due to lack of data.
Reproductive toxicity	:	Cannot be classified due to lack of data.
Specific target organ toxicity - Single exposure	:	Cannot be classified due to lack of data.
Specific target organ toxicity - Repeated exposure	:	Cannot be classified due to lack of data.
Aspiration hazard	:	Cannot be classified due to lack of data.

12. Ecological Information

Ecotoxicity		
Hazardous to the aquatic environment (acute)	:	Cannot be classified due to lack of data.
Hazardous to the aquatic environment (chronic)	:	Cannot be classified due to lack of data.
Persistence and Degradability	:	No data available.
Bioaccumulative potential	:	No data available.
Mobility in soil	:	No data available.
Ozone layer hazard	:	Cannot be classified due to lack of data.

13. Disposal Considerations

Dispose it in accordance with national, prefectural and local regulations.
The same as general industrial waste, outsource industrial waste disposal companies or local public organizations who are authorized by governors.
In case of the incineration, use controlled incinerator following Air Pollution Control Law, Waste Disposal & Public Cleaning Law and Water Pollution Control Law. (We recommend disposing the material as an industrial waste.)

14. Transportation Notes

Regulatory information in case there are domestic regulations.	:	Applicable as designated Flammables in the Fire Service Act.
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15. Applicable Law
- Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture etc. : Existing Chemical Substances
(6)-120 Polystyrene
(9)-1692 Liquid paraffin
 - Japanese Chemical Substances Control Act.
 - Fire Defense Law : Article 9-4 (Standard for storage and handling of hazardous material with less than specified amount)
Article 1-12 on regulations of hazardous materials, and Group 4 specific flammable materials (synthetic resin. If a total amount is 3,000kg, follow the regulations defined by municipal ordinance for storage and handling of the material).
- (Polystyrene)

16. Note:

The descriptions in this Safety Data Sheet are made based on the literature, information or data that we can obtain at this moment but subject to be revised with new knowledge in the future.

The content, physical and chemical properties, hazards, etc. do not provide any assurance, and precautions are intended for normal handling. For special handling, take appropriate safety measures for the intended use.

Please take that this safety data sheet is for your reference and take appropriate measures in accordance with actual conditions under your responsibility.

Please note that this Safety Data Sheet is created according to Japanese law.

Reference Literature

- Classification of chemicals based on “Globally Harmonized System of Classification and Labelling of Chemicals (GHS)” (JIS Z 7252:2019)
 - Communicating hazard information on labels based on GHS—Labelling, Posting in the workplace and Safety Data Sheet (SDS) (JIS Z 7253:2019)
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