


Safety Data Sheet

1. Product and Company Information

Product name	:	Thimble Filter No.86R
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	:	Soxhlet Extraction. Dust concentration measurement in exhaust gas.
Product usage restrictions	:	<ul style="list-style-type: none"> • Please consult in advance when using for other purposes. • In the air samplings, wet filters may result in damaged.

2. Hazard Summary

GHS Classification		
Physical hazards	:	Not classified.
Human health hazard		
Skin corrosion/ Irritation	:	Category 2(Irritation).
Serious eye damage/ eye irritation	:	Category 2B(Light irritation to eyes).
Carcinogenicity	:	Category 2.
Specific target organ toxicity – Single exposure	:	Category 3(respiratory tract irritation).
Environmental hazard	:	Not classified.
Label element		
Pictograms or symbols	:	
Signal words	:	Warning.
Hazard statements	:	Causes skin irritation. Causes Eye irritation. Limited carcinogenic concerns. Possible stimulus to respiratory organs (respiratory tract irritation).
Precautionary statements		
Safety measure	:	Wash hands thoroughly after handling. When handling, wear protective gloves if necessary. Avoid release to the environment. Avoid breathing dust.
First aid measures	:	In case of inhalation, and if breathing is difficult, take person to fresh air and keep rested in a position comfortable for breathing. When any symptom regarding breathing appears, contact a doctor.

		In case of skin contact, wash with plenty soap and water.
		In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
		In case eye irritation and skin irritation continues , consult with a physician for treatment.
Storage	:	Store in a container.
Discard	:	Just like disposal of general industrial waste, ask for industrial waste disposer accepted by prefectural governors or for a local public agency for disposal.
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3.	Composition and Information on ingredients	
	Single substance/Mixtures	: Single substance
	Chemical name or general name	: Thimble Filter
	Ingredients and Content	: Glass Fiber
	Reference Number in Gazetted List in Japan	
	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture etc.	: Not applicable.
	Japanese Chemical Substances Control Act.	
	Japan's Industrial Safety and Health Act.	: Appendix No.9-314 Artificial Mineral Fiber(Glass Fiber)
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4.	First Aid Measures	
	Inhalation	: Not applicable.
	Skin contact	: Not applicable.
	Eye contact	: Immediately wash thoroughly with clean running water. In case of abnormality, consult with a physician.
	Ingestion	: In case of abnormality, consult with a physician.
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5.	Fire Fighting Measures	
	Extinguishing media	: Plenty of water (spray), dry chemicals, carbon dioxide, foam chemicals, and halogen media.
	Unacceptable extinguishing media	: No data available.
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6.	Accidental Release Measures	
	Personal 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	: Avoid breathing in dust. Avoid touching the eyes and skin as much as possible. If necessary, wear gloves, protective eye wear and a dust mask.

Storage	:	Avoid direct sunlight, ultraviolet light, wetting, high and low temperatures, high humidity, open-air storage, strong acids and strong bases. Avoid hydrofluoric acids.
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8. Exposure controls / Personal protection		
Acceptable concentration Japan Society for Occupational Health	:	If the raw material is 1f/ml (estimate), and is not set up as filter paper.
Acceptable concentration ACGIH	:	If the raw material is 1f/cc [not less than 5 micrometers in length, and a three or more aspect ratios (length/diameter) inspiratory fiber], and is not set up as filter paper.
Facility provision	:	It is recommended to install a local exhaust ventilation system, device for washing the face/body/mouth and a changing room.
Protective equipment	:	Use appropriate protective tools if necessary.
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9. Physical and Chemical Properties		
Physical property	:	Solid, Cylindrical paper.
Color	:	White.
Odour	:	None.
Melting point / Freezing point	:	No data available.
Boiling point or initial boiling point and boiling range	:	No data available.
Flammability	:	No.
Lower explosion limit and upper explosion limit / Flammability limit	:	Not applicable.
Flash point	:	Not applicable.
Spontaneous ignition point	:	Not applicable.
Decomposition temperature	:	No data available.
pH	:	No data available.
Kinematic viscosity	:	Not applicable.
Solubility	:	No data available.
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.
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10. Stability and Reactivity		
Reactivity	:	Stable under normal handling.
Stability	:	Stable under normal handling.
Possibility of hazardous reactions	:	No data available.
Conditions to avoid	:	Avoid strong acids and strong bases. Avoid hydrofluoric acids.
Incompatible materials	:	No data available.
Hazardous decomposition products	:	No data available.
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11. Toxicological Information		
Acute toxicity (oral)	:	Not classified.
(dermal)	:	Not classified.
(inhalation: gases)	:	Not classified.

(inhalation: vapours)	:	Not classified.
(inhalation: dusts and mists)	:	Not classified.
Skin corrosion/ Irritation	:	Category 2(Irritation).
Serious eye damage/ eye irritation	:	Category 2B(Light irritation to eyes).
Respiratory sensitization / Skin sensitization	:	Cannot classify due to lack of data.
Germ cell mutagenicity	:	Not classified.
Carcinogenicity	:	Category 2. Group 2B (possibly carcinogenic to humans) classified by IARC(Glass Fiber)
Reproductive toxicity	:	Cannot classify due to lack of data.
Specific target organ toxicity - Single exposure	:	Category 3(respiratory tract irritation).
Specific target organ toxicity - Repeated exposure	:	Cannot classify due to lack of data.
Aspiration hazard	:	Cannot classify due to lack of data.
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12. Ecological Information		
Ecotoxicity		
Hazardous to the aquatic environment (acute)	:	Cannot classify due to lack of data.
Hazardous to the aquatic environment (chronic)	:	Cannot classify 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 classify due to lack of data.
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13. Disposal Considerations		
Dispose of in accordance with federal, state and local regulations.		
Just like disposal of general industrial waste, ask for industrial waste disposer accepted by prefectural governors or for a local public agency for disposal.		
When incinerating the material, use the specific incineration facility. Take appropriate procedure that satisfies Clean Air Act, Waste Disposal and Public Cleaning Law, and Clean Water Law. (We recommend disposing the material as industrial waste.)		
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14. Transport Information		
Regulatory information when there are domestic regulations	:	No regulatory information.
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15. Regulatory Information		
Japan's Industrial Safety and Health Act.	:	Dangerous/Hazardous Material which should Show or Indicate Its Name etc. Appendix No.9-314 Artificial Mineral Fiber(Glass Fiber)
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16. Other information		
Handling of written contents		
Contents of this data sheet are based on materials, information, and data acquirable at this point and are subject to revision due to new knowledge.		
In addition, contents such as contained amount, physical and chemical properties, and hazards identification are not subject of any guarantee. These precautions are applied only during standard handling. If the material is used in a special way, take appropriate safety measures that correspond to actual applications and usages.		
Each user is responsible to take appropriate measures with due consideration of contents in this sheet.		

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

List of references

- Classification of chemicals based on “Globally Harmonized System of Classification and Labelling of Chemicals(GHS)” (JIS Z 7252:2019)
 - Hazard communication of chemicals based on GHS—Labelling and Safety Data Sheet (SDS) (JIS Z 7253:2019)
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