

Preparation Date 2023/04/18

**\*\*\*WARNING\*\*\***

This Safety Data Sheet (SDS) has been created in accordance with Japanese laws and regulations (\*) on the assumption that it will be used in Japan. In addition, the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) is based on the Chemical Risk Information Platform (NITE-CHRIP) provided by the National Institute of Technology and Evaluation (NITE), and is based on the information on the raw materials used to manufacture this product. Therefore, regarding use outside of JAPAN, the user shall be responsible for appropriate evaluation, judgment and handling in accordance with the laws and regulations of each country, and Shimadzu Diagnostics Corporation shall not be liable at all.

(\*)· **Poisonous and Deleterious Substances Control Act**

- **Industrial Safety and Health Act**
- **Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof ( Law concerning Pollutant Release and Transfer Register / PRTR)**

This SDS describes the 16 items shown in "Methods for Communicating Hazard Information on Chemicals Based on GHS-Labels, Labels in the Workplace and Safety Data Sheets (JIS Z 7253:2019, 7.1 overall structure)".

There is no obligation to issue SDS, since this product have no substance stipulated in the Industrial Safety and Health Act, the Poisonous and Deleterious Substances Control Act, and the Chemical Substance Emission Control Promotion Act (PRTR),

It is outside the scope of GHS since this product corresponds to a "Molded Product" specified in the GHS guidance for businesses (Revised in March 2020) established by the Ministry of Economy, Trade and Industry.

## Safety Data Sheet (SDS)

### Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	CompactDry™ TC
Product Code	03971、06740、06741、54001、54051、54081
Name of Supplier	Shimadzu Diagnostics Corporation
Address	3-24-6, Ueno, Taito-ku, Tokyo, JAPAN
Company Contact	RELIABILITY ASSURANCE DEPARTMENT
Phone Number	+81-3-5846-5613
Fax Number	+81-3-5846-5619
Mail Address	yakuji@sdc.shimadzu.co.jp
Emergency Phone	+81-3-5846-5613

### Section 2 – HAZARDS IDENTIFICATION

GHS Classification of the Chemical                                      Outside the scope of GHS because of "Molded Product"

GHS Label Elements    Outside the scope of GHS because of "Molded Product"

### Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance    Mixture  
or Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Mixture of chemical and biological substances	1.6%	—	—	—	—
Cellulose (Non-woven sheet)	0.75%	(C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub>	—	—	—

Polystyrene (Petri dish)	98%	(C <sub>8</sub> H <sub>8</sub> ) <sub>n</sub>	(6)-120	existing	9003-53-6
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## Section 4 – FIRST AID MEASURES

Inhalation	Call a doctor if you feel unwell.
Skin Contact	IF ON SKIN: Wash with plenty of soap and water.  If skin irritation occurs: Get medical advice and attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth. IF SWALLOWED: Call a doctor if you feel unwell.

## Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing agent suitable for type of surrounding fire. When dust occurs, use dry sand.
Unsuitable Extinguishing Media	No information available
Specific Hazards in Case of Fire	Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.
Specific Fire Fighting	Fight fire from upwind position if possible Keep away from sources of ignition and use appropriate extinguishing media. Prohibit unauthorized staff from entering the area around the fire. Keep unnecessary people away.
Special Protective Equipment and Precautions for Fire	Use goggles in combination with dust mask, and another protections as appropriate to situation.

## Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Use goggles in combination with dust mask, and another protections as appropriate to situation.
Environmental Precautions	Large spills :Evacuate area. Ensure adequate ventilation. Do not discharge into the drains, surface waters or ground water directly.
Methods and Equipment for Containment and Cleaning Up	Sweep or vacuum spills to drums or containers.
Prevention Measures for Secondary Accidents	Keep away from sources of ignition and prepare extinguishing media.

## Section 7 – HANDLING AND STORAGE

Handling	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".  Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
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Storage	Prevents Handling of Incompatible Substances or	Refer to "Section 10 – STABILITY AND REACTIVITY".
	Conditions for Safe Storage	Refer to "Section 10 – STABILITY AND REACTIVITY". Store in well-ventilated place.

## Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls		Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Personal Protective Equipment	Respiratory Protection	If necessary, wear respiratory protection.
	Hand Protection	If necessary, wear protective gloves.
	Eye/Face Protection	If necessary, wear protective eye protection.
	Skin and Body Protection	If necessary, wear protective clothing.

## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State		solid
Form		solid (sheet)
Colour		pale yellow
Odour		No data available
Melting Point/Freezing Point		No data available
Boiling Point or Initial Boiling Point and Boiling Ranges		No data available
Flammability		No data available
Lower and Upper Explosion Limit / Flammability Limit	Lower Limit	No data available
	Upper Limit	No data available
Flash Point		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
pH		6.8~7.2
Kinematic Viscosity		No data available
Solubility		No data available
Partition Coefficient : n-Octanol/Water		No data available
Vapour Pressure		No data available
Density and/or Relative Density		No data available
Relative Gas Density		No data available
Particle Characteristics		No data available

## Section 10 – STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	No information available
Possibility of Hazardous Reaction	No information available
Conditions to Avoid	No information available

Incompatible Substances or Mixtures	No information available
Hazardous Decomposition Products	No information available

## Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral	Outside the scope of GHS because of "Molded Product".
	Dermal	Outside the scope of GHS because of "Molded Product".
	Inhalation	(gas) Outside the scope of GHS because of "Molded Product". (vapour) Outside the scope of GHS because of "Molded Product". (dust and mist) Outside the scope of GHS because of "Molded Product".
Skin Corrosion/Irritation		Outside the scope of GHS because of "Molded Product".
Serious Eye Damage/Eye Irritation		Outside the scope of GHS because of "Molded Product".
Respiratory Sensitization		Outside the scope of GHS because of "Molded Product".
Skin Sensitization		Outside the scope of GHS because of "Molded Product".
Germ Cell Mutagenicity		Outside the scope of GHS because of "Molded Product".
Carcinogenicity		Outside the scope of GHS because of "Molded Product".
Reproductive Toxicity		(Reproductive toxicity) Outside the scope of GHS because of "Molded Product". (Reproductive toxicity, effects on or via lactation)
		Outside the scope of GHS because of "Molded Product".
Specific Target Organ Toxicity (Single Exposure)		Outside the scope of GHS because of "Molded Product".
Specific Target Organ Toxicity (Repeated Exposure)		Outside the scope of GHS because of "Molded Product".
Aspiration Hazard		Outside the scope of GHS because of "Molded Product".

## Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute)	Outside the scope of GHS because of "Molded Product".
Hazardous to the Aquatic Environment, Long-Term (Chronic)	Outside the scope of GHS because of "Molded Product".
Ecotoxicity	Outside the scope of GHS because of "Molded Product".
Persistence	Outside the scope of GHS because of "Molded Product".

Bioaccumulative Potential	Outside the scope of GHS because of "Molded Product".
Mobility in Soil	Outside the scope of GHS because of "Molded Product".
Hazardous to the Ozone Layer	Outside the scope of GHS because of "Molded Product".

## Section 13 – DISPOSAL CONSIDERATIONS

Residual Waste	Dispose according to local government classification.
	Outsource to a specialized waste disposal contractor licensed by the prefectural governor.
	Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes.
	Dispose of waste in accordance with local, state and federal regulations.
Contaminated Container and Packaging	Dispose according to local government classification.
	Outsource to a specialized waste disposal contractor licensed by the prefectural governor.
	Passed to a licensed waste contractor.
	In case of disposal of empty containers, remove the content thoroughly.

## Section 14 – TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable
	Regulatory Information by Air	Not regulated
Regulations in Japan	Regulatory Information by Road	Not regulated
	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable
	Regulatory Information by Air	Not regulated
Emergency Response Guide Number		None

## Section 15 – REGULATORY INFORMATION

Industrial Safety and Health Act	Not applicable
Poisonous and Deleterious Substances Control Act	Not applicable

Act on Confirmation, etc.  
of Release Amounts of  
Specific Chemical  
Substances in the  
Environment and  
Promotion of  
Improvements to the  
Management Thereof(Law  
concerning Pollutant  
Release and Transfer  
Register / PRTR)  
Act on Prevention of  
Marine Pollution and  
Maritime Disaster

Not applicable

Non-harmful substances (Enforcement order –  
Appended Table 1-2)

Harmful liquid substances (category Y substance)  
(Enforcement order, Appended Table 1)

Harmful liquid substances (category Z substance)  
(Enforcement Order, Appended Table 1)

Harmful liquid substances (category Z substance or  
its equivalent)(The Ministry of the Environment  
Notification No.148-3)

Foreign Exchange and  
Foreign Trade Control  
Law

Export Trade Control Order – Appended Table 1-16

Basel Convention on the  
Control of Transboundary  
Movements of Hazardous  
Wastes and their Disposal

Specified hazardous waste (Article 2, paragraph (1),  
item (i), (a))

#### Section 16 – OTHER INFORMATION Information Contact

Shimadzu Diagnostics Corporation

TEL +81-3-5846-5613

FAX +81-3-5846-5619

Email [yakuji@sdcs.shimadzu.co.jp](mailto:yakuji@sdcs.shimadzu.co.jp)

Other Property

The concentration or its range described in the  
COMPOSITION / INFORMATION ON INGREDIENTS  
is an example calculated based on the compounding  
amount at production, and the concentration in the  
product is not guaranteed. The total value may not  
be 100% due to rounding.

The descriptions are based on the materials,  
information and data currently available in  
accordance with the laws and regulations applicable  
in Japan, but no guarantees are made regarding their  
content, physicochemical properties, dangers or  
hazards.

The precautions are for normal handling. For special  
handling, implement safety measures appropriate for  
the application and usage.

For general precautions, precautions for use or  
handling, or disposal precautions, etc., please read  
the label and instruction manual carefully before  
using the product.