Preparation Date 2023/06/02

## \*\*\*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™ ETC

Product Code 54056

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

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 Mail Address
 yakuji@sdc.shimadzu.co.jp

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 +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	Concentration or	Formula	ENCS No./ISHL No.		CAS RN
Generic Name	Its Ranges	Formula	ENCS No.	ISHL No.	UAS KN
Cellulose (Non-woven sheet)	0.84%	(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
Substances (other)	1.2%	-	_	_	-

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 Use extinguishing agent suitable for type of

Media surrounding fire.

When dust occurs, use dry sand.

Unsuitable Extinguishing No information available

Specific Hazards in Case

Specific Hazards in Case

of Fire monoxide. Avoid inhalation of smoke or gases.

Specific Fire Fighting Fight fire from upwind position if possible

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

Risk of producing harmful gases such as carbon

around the fire.

Keep unnecessary people away.

Special Protective Use goggles in combination with dust mask, and Equipment and another protections as appropriate to situation.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Precautions for Fire

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Large spills :Evacuate area. Ensure adequate ventilation.

Environmental Do not discharge into the drains, surface waters or Precautions ground water directly.

Precautions ground water directly.

Methods and Equipment Large spills :Evacuate area. for Containment and

Cleaning Up

small spill : abeorb with material such as non-combustible materialwash thoroughly after handling

Surround it with a fill to prevent spillage, guide it to a safe area and collect it to a drum etc.

Cautiously neutralize with dilute acid if necessary

When neutralizing, be cautious of heating and fuming.

Prevention Measures for Secondary Accidents

Keep away from sources of ignition and prepare

extinguishing media.

Section 7 - HANDLING AND STORAGE

**Technical Measures** Handling 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.

Incompatible

Prevents Handling of Refer to "Section 10 - STABILITY AND

REACTIVITY".

Substances or

Conditions for Safe Refer to "Section 10 - STABILITY AND Storage

REACTIVITY". Storage

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

If necessary, wear respiratory protection.

Protection

Hand Protection If necessary, wear protective gloves.

Eye/Face Protection If necessary, wear protective eye protection. Skin and Body If necessary, wear protective clothing.

Protection

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State solid

Form solid (sheet) Colour pale yellow Odour No data available Melting Point/Freezing

No data available

Point.

Boiling Point or Initial

No data available

Boiling Point and Boiling

Ranges

No data available Flammability Lower and Upper Lower Limit No data available

Explosion Limit /

Flammability Limit

Upper Limit No data available

Flash Point No data available No data available Auto-Ignition

Temperature

No data available Decomposition

Temperature

78~84 pН

Kinematic Viscosity No data available Solubility No data available Partition Coefficient : n-No data available

Octanol/Water

Vapour Pressure No data available Density and/or Relative No data available

Density

Relative Gas Density

No data available
Particle Characteristics

No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity

Chemical Stability

No information available

Possibility of Hazardous

No information available

No information available

Reaction

Conditions to Avoid No information available Incompatible Substances No information available

or Mixtures

Hazardous Decomposition No information available

**Products** 

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Outside the scope of GHS because of "Molded

Product'

Oral Outside the scope of GHS because of "Molded

Product<sup>2</sup>

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<sup>e</sup>

Serious Eye Damage/Eye Outside the scope of GHS because of "Molded

Irritation 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 Outside the scope of GHS because of "Molded

Toxicity (Single Exposure) Product

Specific Target Organ Outside the scope of GHS because of "Molded

Product"

Toxicity (Repeated Exposure)

Aspiration Hazard Outside the scope of GHS because of "Molded

Product<sup>\*</sup>

Section 12 - ECOLOGICAL INFORMATION

Outside the scope of GHS because of "Molded Hazardous to the Aquatic Product"

Environment, Short-Term

(Acute)

Hazardous to the Aquatic Outside the scope of GHS because of "Molded

Product" Environment, Long-Term

(Chronic)

**Ecotoxicity** Outside the scope of GHS because of "Molded

Product<sup>\*</sup>

Outside the scope of GHS because of "Molded Persistence

Product"

Bioaccumulative Potential Outside the scope of GHS because of "Molded

Product'

Mobility in Soil Outside the scope of GHS because of "Molded

Product<sup>\*</sup>

Hazardous to the Ozone Outside the scope of GHS because of "Molded

Layer 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 Not regulated

Information by Sea

Marine Pollutant Not applicable Liquid Substance Not applicable

Transported in Bulk According to MARPOL 73/78, Annex II, the IBC

Code

Regulatory Not regulated

Information by Air

Regulations in Japan Regulatory Not regulated

Information by Road

Regulatory Not regulated

Information by Sea

Marine Pollutant Not applicable Not applicable

Liquid Substance

Transported in Bulk According to MARPOL 73/78, Annex II, the IBC

Code

Regulatory Information by Air Not regulated

**Emergency Response** 

Guide Number

None

Section 15 - REGULATORY INFORMATION

Industrial Safety and

Health Act

Poisonous and Deleterious Substances Control Act Act on Confirmation, etc. of Release Amounts of

Water Pollution Prevention Act Act on Prevention of Marine Pollution and Maritime Disaster

Dangerous Substances / Explosive substances (Enforcement Order, Appended Table 1(i))

Not applicable

Not applicable

Harmful substances( Law Article 2, Enforcement order Articke 2, Ministerial ordinance Article 1) Harmful liquid substances (category Y 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

the Road Law

Export Trade Control Order - Appended Table 1-16

Vehicle traffic restrictions (Enforcement Order,

Article 19-3)

Act on Control of Export,

Import and Others of Specified Hazardous Wastes and Other Wastes (Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal) Specified hazardous waste (Article 2, paragraph (1),

item (i), (a))

Water Supply Act

Harmful Substance (Article 4, paragraph (2)), Water

quality standards

Sewerage Act

Water Quality Standard Substance(Law Article 12-2 Paragraph (2), Order for Enforcement Article 9-4)

Labor Standards Act

Disease chemicals(Law Article 75 Paragraph (2), Enforcement rules Article 35, Appended Table 1-2,

4-1)

Section 16 - OTHER INFORMATION Information Contact

Shimadzu Diagnostics Corporation

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Email yakuji@sdc.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.