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™ ECO

Product Code 54064

Name of Supplier

Address

Shimadzu Diagnostics Corporation

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	Concentration or	Formula	ENCS No./ISHL No.		CAS RN
Generic Name	Its Ranges	Formula	ENCS No.	ISHL No.	OAS KN
Cellulose (Non-woven sheet)	0.76%	(C ₆ H ₁₀ O ₅) _n	_	-	_

Polystyrene (Petri dish)	99%	(C ₈ H ₈) _n	(6)-120	existing	9003-53-6
Substances (other)	0.4%	_	_	_	_

Section 4 - FIRST AID MEASURES

Inhalation Call a doctor if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. Skin Contact

If skin irritation occurs: Get medical advice and

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

of Fire

Specific Fire Fighting

Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases. 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 Use goggles in combination with dust mask, and Equipment and another protections as appropriate to situation.

Precautions for Fire

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.

Large spills :Evacuate area. Ensure adequate ventilation.

Environmental Do not discharge into the drains, surface waters or

Precautions ground water directly.

Methods and Equipment Sweep or vacuum spills to drums or containers. for Containment and

Cleaning Up

Prevention Measures for Keep away from sources of ignition and prepare

Secondary Accidents 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.

Prevents Handling of Refer to "Section 10 - STABILITY AND

Incompatible

REACTIVITY".

Substances or Conditions for Safe Storage

Refer to "Section 10 - STABILITY AND

Storage

REACTIVITY".

Store in well-ventilated place.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Use local exhaust ventilation in case of production of **Engineering Controls**

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.

If necessary, wear protective clothing.

Eye/Face Protection If necessary, wear protective eye protection.

Skin and Body

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

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

Explosion Limit / Flammability Limit

Upper Limit No data available

Flash Point No data available Auto-Ignition No data available

Temperature

Decomposition No data available

Temperature

6.8~7.2 pН

Kinematic Viscosity No data available No data available Solubility 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 No information available Chemical Stability No information available Possibility of Hazardous 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^a

Oral Outside the scope of GHS because of "Molded

Product^a

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 Outside the scope of GHS because of "Molded

Irritation Product'

Outside the scope of GHS because of "Molded Respiratory Sensitization

Product"

Skin Sensitization Outside the scope of GHS because of "Molded

Product'

Germ Cell Mutagenicity Outside the scope of GHS because of "Molded

Product"

Outside the scope of GHS because of "Molded Carcinogenicity

Product"

Reproductive Toxicity (Reproductive toxicity)

Outside the scope of GHS because of "Molded

Product²

(Reproductive toxicity, effects on or via lactation)

Outside the scope of GHS because of "Molded

Outside the scope of GHS because of "Molded

Product'

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

Toxicity (Single Exposure) Product"

Outside the scope of GHS because of "Molded Specific Target Organ Toxicity (Repeated Product"

Exposure)

Outside the scope of GHS because of "Molded Aspiration Hazard

Product"

Product"

Section 12 - ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term

(Acute)

Hazardous to the Aquatic Outside the scope of GHS because of "Molded Environment, Long-Term

(Chronic)

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'

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

Layer Product^a

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.

Dispose according to local government classification.

Contaminated Container and Packaging

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

Regulatory Not regulated

Regulations in Japan

Information by Road

Information by Sea

Regulatory Not regulated

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

None

Emergency Response Guide Number

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

Foreign Exchange and Foreign Trade Control Law

the Road Law

Water Supply Act

Section 16 - OTHER INFORMATION
Information Contact

Other Property

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

Export Trade Control Order - Appended Table 1-1

Export Trade Control Order - Appended Table 1-16

Vehicle traffic restrictions (Enforcement Order, Article 19–3)

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

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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.