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 Corpolation 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™ YM |
| Product Code | 03919、03974、06746、06747、54004、54054、54083 |
| Name of Supplier | Shimadzu Diagnostics Corpolation |
| 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 or Mixture: 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 | 0.71% | — | — | — | — |

| | | | | | |
|---|---|---|---|---|---|
| Cellulose (Non-woven sheet) | 0.75% | $(C_6H_{10}O_5)_n$ | — | — | — |
| Polystyrene (Petri dish) | 99% | $(C_8H_8)_n$ | (6)-120 | existing | 9003-53-6 |

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.<br><br>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.<br>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.<br>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<br>Keep away from sources of ignition and use appropriate extinguishing media.<br>Prohibit unauthorized staff from entering the area around the fire.<br>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.<br><br>Large spills :Evacuate area.<br>Ensure adequate ventilation. |
| Environmental Precautions | Do not discharge into the drains, surface waters or ground water directly. |
| Methods and Equipment for Containment and Cleaning Up | Large spills :Evacuate area.<br><br>Large spills: Dike spills and dispose of in safe area.<br><br>Sweep or vacuum spills to drums or containers.<br>small spill : abeorb with material such as non-combustible materialwash thoroughly after handling<br><br>Cautiously neutralize with dry soda ash and slaked lime if necessary. |
| 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. |
| | Prevents Handling of Incompatible Substances or | Refer to "Section 10 – STABILITY AND REACTIVITY". |
| Storage | 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 | | 5.2～5.8 |
| 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)<br>Outside the scope of GHS because of "Molded Product".<br>(vapour)<br>Outside the scope of GHS because of "Molded Product".<br>(dust and mist)<br>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)<br>Outside the scope of GHS because of "Molded Product".<br>(Reproductive toxicity, effects on or via lactation)<br>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.<br>Outsource to a specialized waste disposal contractor licensed by the prefectural governor.<br>Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes.<br>Dispose of waste in accordance with local,state and federal regulations. |
| Contaminated Container and Packaging | Dispose according to local government classification.<br>Outsource to a specialized waste disposal contractor licensed by the prefectural governor.<br>Passed to a licensed waste contractor.<br>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) | Not applicable |
| Act on Prevention of Marine Pollution and Maritime Disaster | Non-harmful substances (Enforcement order - Appended Table 1-2)<br>Harmful liquid substances (category Y substance) (Enforcement order, Appended Table 1)<br>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 Corpolation<br>TEL +81-3-5846-5613<br>FAX +81-3-5846-5619<br>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.<br>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.<br>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.