

| | | | | | |
|--------------------------|------|---|---------|----------|-----------|
| Polystyrene (Petri dish) | 98% | (C ₈ H ₈) _n | (6)-120 | existing | 9003-53-6 |
| Substances (other) | 1.3% | — | — | — | — |

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. |
| | 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 pink |
| 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 | | 6.8~7.6 |
| 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 | Outside the scope of GHS because of "Molded Product" |
| 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) |
| 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
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 Article 2, Ministerial ordinance Article 1)

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

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

Export Trade Control Order – Appended Table 1–1

Foreign Exchange and Foreign Trade Control Law

Export Trade Control Order – Appended Table 1–16

the Road Law

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

Water Supply Act

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

Section 16 – OTHER INFORMATION Information Contact

Shimadzu Diagnostics Corporation

TEL +81-3-5846-5613

FAX +81-3-5846-5619

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.