# Safety Data Sheet

MSDS No : TN179GA16

Date of issue : 2026/03/09

Revision History : 2

## 2. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|---|---|---|---|
| Manufacturer | : | FUJIFILM Business Innovation Corp. | |
| Address | : | 7-3, Akasaka 9-choume, Minato-ku,Tokyo 107-0052, Japan | |
| Contact Point | : | [Department] | Environment & Product Safety Product Quality Management Customer Satisfaction Quality Assurance Group |
| | | [Telephone Number] | +81-46-237-1686 |
| | | [FAX Number] | +81-46-238-5796 |
| | | [E-mail/URL] | dge-fb-msds-admin@fujifilm.com |
| Supplier | : | FUJIFILM Business Innovation Australia Pty Ltd | |
| Address | : | Level 4, 54 Waterloo Rd, Macquarie Park, NSW, 2113 | |
| Contact Point | : | [Telephone Number] | 1800 028 962 option 2 (24hrs) |
| | | [Responsible Person] | Product Manager |
| | | [E-mail/URL] | https://www.fujifilm.com/fbau/en/support-and-drivers/safety-data-sheets |

Trade name : DocuPrint CM415 AP
Toner(Black)

## 2.HAZARD IDENTIFICATION

GHS classification

Not classified as hazardous mixture of GHS classification.

Not classified as hazardous according to Worksafe Australia.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Distinction of substance or mixture : Mixture

Chemical Nature :

| Chemical Name | Ingredients (% by wt.) | CAS Number |
|---|---|---|
| Polyester | 70 - 90% | Undisclosed |
| Carbon Black | < 10% | 1333-86-4 |
| Paraffin Wax | < 10% | 8002-74-2 |
| Amorphous silica | < 10% | 7631-86-9 |
| Blue pigment | < 10% | 147-14-8 |
| Titanium dioxide | < 2% | 13463-67-7 |

This product does not contain Lead , Mercury , Cadmium , Hexavalent Chromium , Polybrominated Biphenyls (PBBs) , Polybrominated Diphenyl Ethers (PBDEs) , Bis (2-ethylhexyl) phthalate (DEHP) , Butyl benzyl

phthalate (BBP) , Dibutyl phthalate (DBP) or Diisobutyl phthalate (DIBP) intentionally.

## 4.FIRST-AID MEASURES

| | | |
|---|---|---|
| Eye contact | : | Flush with a large amount of water for at least 15 minutes. Seek medical advice. |
| Skin contact | : | Wash with soap and water. |
| Inhalation | : | Remove from exposure and provide fresh air. Rinse mouth with water. |
| Ingestion | : | Rinse mouth with water. Give several glasses of water to drink and seek medical advice. |

## 5.FIRE-FIGHTING MEASURES

| | | |
|---|---|---|
| Suitable Extinguishing Media | : | Water spray, Foam, Dry chemicals. When in a machine, treat as an electrical fire. |
| Unsuitable Extinguishing Media | : | No Information. |

## 6.ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Avoid inhalation. If you spill a large volume of toner, contact your local our representative for special handling. |
| Environmental precautions | : | Prevent from entering into soil, waterways and ground water. |
| Methods and materials for containment and cleaning up | : | Get rid of fire sources. Use a broom or a wet cloth to wipe off spilled toner. (It may catch fire by electric sparks inside the vacuum cleaner and cause explosion.) |

## 7.HANDLING AND STORAGE

Handling

| | | |
|---|---|---|
| Technical measures | : | None required when used as intended in our equipment. |
| Local and total ventilation | : | None required when used as intended in our equipment. |
| Notice | : | Do not incinerate toner or a toner cartridge. Do not dissemble a cartridge. |
| Safe handling advice | : | Do not incinerate toner or a toner cartridge. Do not dissemble a cartridge. |

Storage

| | | |
|---|---|---|
| Technical measures | : | None |
| Conditions for safe storage | : | Keep in cool, dry and well-ventilated area. Keep out of reach of children. |
| Packaging compatibilities | : | Keep in our designated packaging materials. |

## 8.EXPOSURE CONTROLS /PERSONAL PROTECTION

Control Parameters

| | | |
|---|---|---|
| ACGIH TLV | : | Refer the latest ACGIH TLV values. |
| Precautionary Measured | : | None required when used as intended in our equipment.<br>For use other than normal customer operating procedures(such as in bulk toner processing facilities), local exhaust ventilation may be required. |
| Personal Protective Equipment | : | None required when used as intended in our equipment.<br>For use other than normal customer operating procedures(such as in bulk toner processing facilities), protective glove, goggles and respirators may be required. |

## 9.PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | Powder |
| Color | : | Black |
| Odor | : | Faint Odor |
| pH | : | Not available |
| Melting Point/freezing point | : | Not available |
| Boiling Point/Initial boiling point and boiling range | | Not available |
| Flash point | : | Not applicable |
| Auto-ignition temperature | : | None |
| Upper/lower flammability or explosive limits | : | Not available |
| Vapour Pressure | : | Not available |
| Vapour density | : | Not available |
| Relative density | : | Not available |
| Solubility | : | Insoluble |
| Partition coefficient:n-octanol/water | : | Not applicable |
| Decompositon temperature | : | Not available |

## 10.STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Stability and Reactivity | : | Stable |
| Possibility of hazardous reactions | : | None |
| Conditions to avoid | : | None |
| Incompatible materials | : | None |
| Hazardous decomposition products | : | No Information |

## 11.TOXICOLOGICAL INFORMATION

The toxicity data noted below is based on test results of this materials or similar materials.

Acute Toxicity

| | | |
|---|---|---|
| Swallowed→LD50(rat) | : | >2000 mg/kg (Not applicable to GHS category) |
| Skin→LD50(rabbit) | : | Not available |
| Skin Irritant(rabbit) | : | Not an irritant |
| Serious eye damage/eye irritation - | : | Not an irritant |

| | | |
|---|---|---|
| Description(rabbit) | | |
| Skin or Respiratory sensitization - Description(mouse or guinea-pig) | : | Not a skin sensitizer |
| Mutagency | : | Ames Assay: Negative |
| Carcinogenicity - Description | : | Carbon Black is classified as “Group 2B(possibly carcinogenic to humans) ” by The International Agency for Research on Cancer (IARC). But long-term inhalation exposure studies of rats against toners containing carbon black have concluded "no evidence of carcinogenesis."<br>Titanium dioxide is classified as Group 2B by IARC.In animal chronic inhalation study, rats only showed the incidence of lung tumors which is attributed to excessive burden on rat lung clearance mechanism (overloading).It is assumed that a designated use of this product should not cause such excessive burden on lung clearance mechanism. The relationship between respiratory diseases and work exposure of titanium dioxide has not been observed in previous epidemiological studies.<br>All other ingredients than carbon black and titanium dioxide are not classified as “Carcinogens [ref.2]”. |
| Reproduction and Development | : | Not classified as “ Reproductive and Development chemicals [ref.2]” |
| Specific Target Organ Toxicity Single Exposure | : | Not available |
| Specific Target Organ Toxicity Repeated | : | In a two-year toner inhalation exposure test in rats, mild fibrosis was observed in the lungs in the group exposed to medium doses (4 mg/m$^3$) or high doses (16 mg/m$^3$) exposure environments daily, but no significant changes were observed in the lungs in the low-dose (2 mg/m$^3$) group. The amount of toner discharged during normal use of our products is significantly less than 1mg/m$^3$ per day, and as long as the product is used on a daily basis, it is judged that it will not affect the human body [ref.3]. |
| Aspiration Hazard | : | Not applicable |
| Other Information | : | None |

# 12.ECOLOGICAL INFORMATION

The toxicity data noted below is based on test results of this materials or similar materials.

Ecotoxicity

| | | | | |
|---|---|---|---|---|
| Acute Toxicity | Fish 96hr LC50(Oryzias latipes) | : | >500 mg/L | (Not applicable to GHS category) |
| | Daphnia 48hr EC50(Daphnia magna) | : | >100 mg/L | (Not applicable to GHS category) |
| | Algae 72hr EC50(Selenastrum capricornutum) | : | >100 mg/L | (Not applicable to GHS category) |

| | | |
|---|---|---|
| Persistence and degradability | : | Not available |
| Bioaccumulative potential | : | Not available |

| | | |
|---|---|---|
| Mobility in soil | : | Not available |
| Other adverse effects | : | Not available |

## 13.DISPOSAL CONSIDERATIONS

Dispose off in accordance with federal, state laws and regulations or our Australia's local consumables return program.

## 14.TRANSPORT INFORMATION

Transport in accordance with national, and local regulations.

| | | |
|---|---|---|
| UN Hazard Class | : | None |
| UN Number | : | None |
| Air Transport | | |
| ICAO-TI/IATA-DGR | : | None |
| Sea Transport | | |
| IMDG Code | : | None |

## 15.REGULATORY INFORMATION

Ensure this product in compliance with national requirements and ensure comformity to local regulations.

## 16.OTHER INFORMATION

The above mentioned data correspond to our present state of knowledge and experience, but no warranty is made. Users should consider these data only as a supplement to other information and must make independent determination of the suitability and completeness of information from all sources to ensure proper use and disposal of the materials and safety and health of employees and customers.
CAS Registry Number(R) is a Registered Trademark of the American Chemical Society.

References

2 : ・IARC Monographs on the Evaluation Carcinogenic Risks to Humans (WHO.International Agency for Research on Cancer)
・National Toxicology Program(NTP) Report on Carcinogens (NTP)
・TLVs and BEIs (American Conference of Governmental Industrial Hygienists)
・REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 ANNEX VI on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
・Journal of Occupational Health(Japan Society for Occupational Heatth)

2 : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

3 : ・Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats
H.Muhle et.al Fundamental and Applied Toxicology 17.280-299(1991)
・Lung Clearance and Retention of Toner, Utilizing a Tracer Technique, during Chronic

Inhalation Exposure in Rats
B.Bellmann Fundamental and Applied Toxicology 17.300-313(1991)