

SAFETY DATA SHEET

Issuing Date:16/12/2020

Revision date:24/09/2024

Revision Number: 3

SECTION 1: Identification of the hazardous chemical and of the supplier

Product identifier

| | |
|--------------------------|--------------|
| Product Code(s) | 0990003 |
| Safety data sheet number | TNML-001 |
| Product Name | Toner(Black) |

Other means of identification

| | |
|----------|--------------------------|
| Synonyms | No information available |
|----------|--------------------------|

Recommended use of the chemical and restrictions on use

| | |
|----------------------|--------------------------|
| Recommended use | Ink and toners |
| Uses advised against | No information available |

Supplier's details

Supplier

Company Name: FUJIFILM Business Innovation Asia Pacific Pte. Ltd

Address: Ground Floor, Axis Business Park, Block C, No. 10, Jalan Bersatu 13/4, 46200 Petaling Jaya, Selangor, Malaysia

Division:

Phone Number: +603-7882 2888

FAX Number:

For further information, please contact

Emergency telephone number

| | |
|---------------------|--------------------------|
| Emergency Telephone | No information available |
|---------------------|--------------------------|

SECTION 2: Hazard identification

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Other hazards which do not result in classification

No information available.

SECTION 3: Composition and information of the ingredients of the hazardous chemical**Substance**

Not applicable

Mixture

| Chemical name | CAS No | Weight-% |
|--------------------------|-----------|----------|
| Resin | - | >50 |
| Non Hazardous Substances | - | <30 |
| Carbon black | 1333-86-4 | 5 - 10 |

SECTION 4: First aid measures**Description of necessary measures**

| | |
|--------------|--|
| Inhalation | Remove to fresh air. |
| Skin contact | Wash skin with soap and water. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms/effects, acute and delayed

| | |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

Indication of immediate medical attention and special treatment needed, if necessary

| | |
|--------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|--------------------|------------------------|

SECTION 5: Firefighting measures**Suitable (and unsuitable) extinguishing media**

| | |
|--|---|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Large Fire | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Unsuitable extinguishing media | Do not scatter spilled material with high pressure water streams. |
| Specific hazards arising from the chemical | No information available. |

Special protective equipment and precautions for fire-fighters

| | |
|--|--|
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |
|--|--|

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

| | |
|----------------------|--|
| Personal precautions | Avoid inhalation. If you spill a large volume of ink, contact your local representative or call center for special handling. |
|----------------------|--|

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Get rid of fire sources. Use a wet cloth to wipe off spilled toner. (It may catch fire by electric sparks inside the vacuum cleaner and cause explosion.)

Methods for cleaning up Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling None required when used as intended in our equipment. Do not incinerate toner or a toner cartridge. Do not disassemble a cartridge.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in our designated packaging materials.

Incompatible materials None known based on information supplied.

SECTION 8: Exposure controls and personal protection

Control parameters

Exposure Limits

| Chemical name | Malaysia | ACGIH TLV |
|---------------|----------------------------|---|
| Carbon black | TWA: 3.5 mg/m ³ | Refer to the permissible concentration in the latest version of ACGIH |

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls None required when used as intended in our equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| | | | |
|----------------|---------|----------------|--------------------------|
| Appearance | Powder | | |
| Physical state | Solid | Color | black |
| Odor | Slight. | Odor threshold | No information available |

| Property | Values | Remarks • Method |
|--|-------------------|------------------|
| pH | No data available | None known |
| Melting point / freezing point | No data available | None known |
| Boiling point / boiling range | No data available | None known |
| Flash point | No data available | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Upper/lower flammability or explosive limits | | |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Vapor pressure | No data available | None known |
| Vapor density | No data available | None known |
| Relative density | No data available | None known |
| Water solubility | Insoluble | None known |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |

Other information

| | |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Molecular weight | No information available |
| VOC Content (%) | No information available |

SECTION 10: Stability and reactivity

Reactivity

| | |
|------------|---------------------------------|
| Reactivity | Stable under normal conditions. |
|------------|---------------------------------|

Chemical stability

| | |
|-----------|---------------------------------|
| Stability | Stable under normal conditions. |
|-----------|---------------------------------|

Explosion data

| | |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |

Possibility of hazardous reactions

| | |
|------------------------------------|-------------------------------|
| Possibility of hazardous reactions | None under normal processing. |
|------------------------------------|-------------------------------|

Conditions to avoid

| | |
|---------------------|---|
| Conditions to avoid | None known based on information supplied. |
|---------------------|---|

Incompatible materials

| | |
|------------------------|--|
| Incompatible materials | None known based on information supplied |
|------------------------|--|

Hazardous decomposition products

| | |
|----------------------------------|--|
| Hazardous decomposition products | None known based on information supplied |
|----------------------------------|--|

SECTION 11: Toxicological information

Information on the likely routes of exposure

| | |
|--------------|--------------------------|
| Inhalation | No information available |
| Ingestion | No information available |
| Skin contact | No information available |
| Eye contact | No information available |

Symptoms related to the physical, chemical and toxicological characteristics

No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available

Acute toxicity - Oral

LD50

| Standard | Lower | Upper | Test conditions |
|----------|-----------|-------|-----------------|
| | 2000mg/kg | | Rat |

Acute toxicity - Dermal

No information available

Skin corrosion/irritation

| Standard | PCI | Test conditions |
|--------------------------------------|-----|-----------------|
| Non-irritant or Mild skin irritation | | Rabbit |

Serious eye damage/eye irritation

| Standard | PCI | Test conditions |
|-------------------------------------|-----|-----------------|
| Non-irritant or Mild eye irritation | | Rabbit |

Skin sensitization

| Standard | Sensitization concentration | Test conditions |
|----------|-----------------------------|-----------------|
| Negative | | |

Germ cell mutagenicity

Ames

Negative

Carcinogenicity

Not classified as mixture

Numerical measures of toxicity

No information available

SECTION 12: Ecological information

Ecotoxicity

Algae EC50

| Standard | Lower | Upper | Test conditions |
|----------|----------|-------|-----------------|
| | 100 mg/L | | 72h |

Daphnia EC50

| Standard | Lower | Upper | Test conditions |
|----------|----------|-------|-----------------|
| | 100 mg/L | | 48h |

Fish LC50

| Standard | Lower | Upper | Test conditions |
|----------|-------|-------|-----------------|
|----------|-------|-------|-----------------|

| | | | |
|--|----------|--|-----|
| | 500 mg/L | | 96h |
|--|----------|--|-----|

Persistence and degradability

Persistence and degradability No information available

Bioaccumulative potential

Bioaccumulation No information available

Mobility

Mobility in soil No information available

Other adverse effects

Other adverse effects No information available

SECTION 13: Disposal information**Disposal methods**

Waste from residues/unused products No information available

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transportation information

UN number Not applicable
 Proper shipping name Not applicable
 Transport hazard class(es) Not applicable
 Subsidiary hazard class Not applicable
 Packing group Not applicable
 ERG Code Not applicable

IMDG

Marine pollutant: Not applicable
 Transport in bulk according to Not applicable
 Not applicable Annex II of
 MARPOL 73/78 and the IBC
 Code
 EmS-No.: Not applicable
 Packing instruction: Not applicable

IATA

Passenger and Cargo Aircraft: Not applicable
 Cargo Aircraft Only: Not applicable

Special precautions which a user needs to be aware of, or needs to comply with, in connection either within or outside their premises

Special precautions for user: Please refer to the applicable dangerous goods regulations for additional information

SECTION 15: Regulatory information**Safety, health and environmental regulations specific for the product in question****National regulations****Malaysia - Applicable regulations:****OSHA (Occupational Safety and Health Act) 1994 and relevant regulations**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health)

Regulations See section 8 for national exposure control parameters.

Factories and Machinery Act 1967 and relevant regulations Not applicable

Environmental Quality Act 1974 and regulations Not applicable

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

SECTION 16: Other information

Date of preparation of the SDS 16/12/2020

Date of revision of the SDS 24/09/2024

Key or legend to abbreviations and acronyms used in the safety data sheet

X - Listed

Legend Section 8: Exposure controls/personal protection

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

Key literature references and sources for data used to compile the SDS

ICOP - The Industry Code of Practice on Chemical Classification and Hazard Communication Malaysia, Occupational exposure limits

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)

Evaluation data of the mixture of FUJIFILM Corporation (Safety Evaluation Center)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This SDS applies to the products below.

CT201213/CT202634/CT200539/CT201197/CT201160/CT202912/CT203035/CT200856/CT203400/CT200554/CT201801/CT201827/CT200943/CT201632/CT201919/CT201949/CT201434/CT202356/CT201609/CT201610/CT201591/CT202875/CT202374/CT202508/CT201676/CT202264/CT201260/CT202238/CT202396/CT202018/CT201938/CT202610/CT201114/CT201937/CT202606/CT202352/CT202033/CT202373/CT201918/CT203045/CT203049/CT203061/CT203065/CT203070/CT203071/CT201948/CT203020/CT203032/CT203024/CT203028/CT203095/CT202348/CT203094/CT203098/CT203069/CT202727/CT202237/CT202507/CT203365/CT203350/CT203346/CT203342/CT203366/CT203367/CT200401/CT200417/CT200719/CT201734/CT201820/CT202384/CT201795/CT202343/CT201911/CT202337/CT202329/CT202330/CT202878/CT202876/CT202877/CT203108/CT203109/006R01260/106R02335/106R01577/113R00685/113R00684/106R01518/113R00668/106R00652/CT350671/CT350672/CT350673/CT350670/CT350677/CT350674/CT350675/CT350676/CT350481/CT350483/CT350482/CT350484/108R00974/CT203607/CT203875/CT203879/CT203912/CT203913/CT203918/CT203919/CT203920/CT203921/CT203922/CT203974/CT203978/CT203982/CT203997/CT203998/CT203999/CT204009/CT204013/CT204017/CT204021/CT202634/CT204249/CT204253/CT204257/CT204265/CT203582/CT203586/CT203594/CT204141/CT204145/CT204181/CT204185/CT204189/CT204348/CT204349/CT204352/CT204350/CT204351