SAFETY DATA SHEET

Issuing Date:16/12/2020 **Revision date:**17/03/2026 **Revision Number:** 4

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 dissemble 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 Annex II of MARPOL 73/78 and the IBC Code	Not applicable
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/CT202610CT201114/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/CT204257CT204265/CT203582/CT203586/CT203594/CT204141/CT204145/CT204181/CT204185/CT204189/CT204348/CT204349/CT204352/CT204350/CT204351/060K 64580/CT203638/CT204423