

# SAFETY DATA SHEET

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

### Product identifier

Product Code(s)	CT204229, CT204230, CT204231
Safety data sheet number	TN366GM01
Product Name	Toner (Black)

### Other means of identification

Synonyms	No information available.
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### Recommended use of the chemical and restrictions on use

Recommended use	Toner for laser printers and multifunction devices.
Uses advised against	No information available.

### Supplier's details

#### Supplier

FUJIFILM Business Innovation Asia Pacific Pte. Ltd  
Ground Floor, Axis Business Park, Block C, No. 10, Jalan Bersatu 13/4, 46200 Petaling  
Jaya, Selangor, Malaysia  
Tel:+603-7882 2888

### Emergency telephone number

Emergency Telephone	No information available.
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## 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/mixture**

Mixture.

**Other means of identification**

Not available.

Chemical name	CAS No	Weight-%
Carbon black	1333-86-4	5 - 10

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

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

<b>Eye contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.
<b>Skin contact</b>	Flush contaminated skin with plenty of water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms/effects, acute and delayed****Potential acute health effects**

<b>Eye contact</b>	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
<b>Inhalation</b>	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

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

<b>Notes to physician</b>	Treat symptomatically.
<b>Specific treatments</b>	No specific treatment.

See toxicological information (Section 11)

**SECTION 5: Firefighting measures****Extinguishing media**

<b>Suitable extinguishing media</b>	Use dry chemical, CO <sub>2</sub> or water spray (fog). Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

**Specific hazards arising from the chemical**

May form explosible dust-air mixture if dispersed.

**Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders**

Take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up****Small spill**

Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill**

Use spark-proof tools and explosion-proof equipment. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Section 7. Handling and storage****Precautions for safe handling****Protective measures**

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation.

**Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Follow Industrial Safety and Health Law.

**Storage Conditions**

Keep in our designated packaging materials.

**Incompatible materials**

None known based on information supplied.

**Section 8. Exposure controls/personal protection****Control parameters****Occupational exposure limits**

Ingredient name	Exposure limits
carbon black, respirable powder	<b>Schedule I USECHH 2000 (Malaysia, 4/2000)</b> TWA 8 hours: 3.5 mg/m <sup>3</sup> .

**Biological exposure indices**

None known.

**Engineering controls**

None required when used as intended in our equipment.

**Skin protection****Hand protection**

No special protective equipment required

**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.

**Section 9. Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance****Physical state**

Solid. [Powder.]

**Color**

Black.

**Odor**

Odorless.

**Odor threshold**

Not applicable.

**pH**

Not available.

**Melting point/freezing point**

Not available.

**Boiling point or initial boiling point and boiling range**

Not available.

**Flash point**

Not applicable.

**Evaporation rate**

Not available.

**Flammability**

Not available.

**Lower and upper explosion limit /flammability limit**

Not applicable.

**Vapor pressure**

Not available.

**Relative vapor density**

Not applicable.

**Relative density**

1.15

**Solubility in water**

Insoluble.

**Partition coefficient: n-octanol/water**

Not applicable.

**Auto-ignition temperature**

Not applicable.

**Decomposition temperature**

Not available.

**Viscosity**Dynamic (room temperature): Not applicable.  
Kinematic (room temperature): Not applicable.  
Kinematic (40°C (104°F)): Not applicable.**Flow time (ISO 2431)**

Not available.

**Particle characteristics****Median particle size**

Not available.

**Section 10. Stability and reactivity****Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**

The product is stable.

**Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Keep away from heat.

**Incompatible materials**

Strong oxidizing materials.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. Toxicological information****Information on toxicological effects****Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Toner (Black)	LC50 Inhalation Dusts and mists LD50 Oral	Unknown species Unknown species	>5.08 mg/l >2000 mg/kg	4 hours -

**Conclusion/Summary** Based on available data, the classification criteria are not met.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Toner (Black)	Eyes - Mild irritant Skin - Slight irritant	Unknown species Unknown species	- -	- -	- -

#### **Conclusion/Summary**

**Skin** Slightly irritant but not relevant for classification.  
**Eyes** Slightly irritant but not relevant for classification.  
**Respiratory** Not available.

#### Respiratory or skin sensitization

Product/ingredient name	Route of exposure	Species	Result
Toner (Black)	skin	Unknown species	Not sensitizing

#### **Conclusion/Summary**

**Skin** Based on available data, the classification criteria are not met.  
**Respiratory** Not available.

#### Mutagenicity

Product/ingredient name	Test	Experiment	Result
Toner (Black)	OECD 471	Experiment: In vitro Subject: Bacteria	Negative

**Conclusion/Summary** Based on available data, the classification criteria are not met.

#### Carcinogenicity

**Conclusion/Summary** Not classified as mixture.

#### Reproductive toxicity

**Conclusion/Summary** Not available.

#### Teratogenicity

**Conclusion/Summary** Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
carbon black	Category 1	-	lungs

#### Aspiration hazard

Not available.

#### **Information on the likely routes of exposure**

Not available.

#### Potential acute health effects

Eye contact	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
Inhalation	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye contact	No information available.
Inhalation	No information available.
Skin contact	No information available.
Ingestion	No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure**

Potential immediate effects	Not available.
Potential delayed effects	Not available.

**Long term exposure**

Potential immediate effects	Not available.
Potential delayed effects	Not available.

**Potential chronic health effects**

Conclusion/Summary	Not available.
General	May cause damage to organs through prolonged or repeated exposure. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity	No information available.
Mutagenicity	Not available.
Reproductive toxicity	Not available.

**Numerical measures of toxicity****Acute toxicity estimates**

Not available.

**Section 12. Ecological information****Toxicity**

Conclusion/Summary	Not available.
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**Persistence and degradability**

Conclusion/Summary	There are no data available on the mixture itself.
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**Bioaccumulative potential**

Not available.

**Mobility in soil**

Soil/water partition coefficient (K <sub>oc</sub> )	Not available.
Mobility	Not available.

Other adverse effects	No known significant effects or critical hazards.
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## Section 13. Disposal information

### Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## Section 14. Transport information

	UN	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Label	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	Marine Pollutant: No.	No.

### Special precautions for user

Please refer to the applicable dangerous goods regulations for additional information.

### Transport in bulk according to IMO instruments

Not applicable.

## Section 15. Regulatory information

### National regulations

#### EHS Register

Not determined

#### Poison Act, Poison List - Schedule 1

Not applicable.

#### Poison Act, Poison List - Schedule 3

Not applicable.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

**Section 16. Other information****History****Date of printing** 04-Oct-2024**Date of issue/Date of revision** 04-Oct-2024**Date of previous issue** No previous validation.**Version** 1

**Key to abbreviations**

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

N/A = Not available

SGG = Segregation Group

UN = United Nations

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**