

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

Product name Canon Ink Tank PFI-3870 PBK
Product code(s) 6477C
Use Ink for Ink Jet Printer

Details of the supplier of the safety data sheet**Supplier**

Canon Singapore Pte. Ltd.
1 Fusionopolis Place, #14-10 Galaxis, Singapore 138522
Email : cspl_msds@canon.com.sg
Phone number : (65) 6799-8888

Canon India Pvt. Ltd.
7th Floor, Tower B, DLF Epitome, DLF Phase-3, Gurgaon-122002 Haryana, India
Phone number : (91) 124-416-0000
Emergency phone number : (91) 124-416-0180

Canon (China) Co. Ltd
33F, China Life Financial Center, No.23 Zhenzhi Road, Chaoyang District, Beijing 100026, P.R.China

Manufacturer

Canon Inc.
30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan

SECTION 2: Hazards identification**Classification of the substance or mixture****GHS Classification**

Not classified

Label elements**Labelling according to GHS****Hazard pictograms**

Not required

Signal word

Not required

Hazard statements

Not required

Precautionary statements

Not required

Other information

Contains 1,2-benzisothiazol-3(2H)-one.
May produce an allergic reaction.
Contains less than 30% of components with unknown hazards to the aquatic environment.

Other hazards which do not result in classification

None

SECTION 3: Composition/information on ingredients**Mixtures**

Chemical name	CAS-No	EC-No	Weight %	GHS Classification	Note to other hazards
Glycol	CBI	CBI	10 - 15	None	
Glycerin	56-81-5	200-289-5	5 - 10	None	(1)
Carbon black	1333-86-4	215-609-9	1 - 5	None	(1)
Water	7732-18-5	231-791-2	60 - 80	None	

Full texts of Hazard statement(s) are listed in SECTION 16

Note to other hazards : The following substance(s) is (are) marked with (1), (2) and/or (3)

- (1) Substance for which Exposure Limit(s) is (are) established (See SECTION 8)
- (2) PBT substance or vPvB substance under Regulation (EC) No 1907/2006
- (3) Substance listed in Candidate List of SVHC for Authorisation under Regulation (EC) No 1907/2006

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

Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.
Skin contact	Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.
Eye contact	Flush with plenty of water. Get medical attention immediately if symptoms occur.

Most important symptoms and effects, both acute and delayed

Inhalation	None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.
Ingestion	None under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Skin contact	None under normal use.
Eye contact	None under normal use. May cause slight irritation.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**Use CO₂, water, dry chemical, or foam.**Unsuitable extinguishing media**

None

Special hazards arising from the substance or mixture**Special hazard**

None

Hazardous combustion productsCarbon dioxide (CO₂), Carbon monoxide (CO)**Advice for firefighters****Special protective equipment for firefighters**

None

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

Avoid contact with skin, eyes and clothing.

Environmental precautions

Keep out of waterways.

Methods and material for containment and cleaning up

Wipe up with adsorbent material (e.g. cloth, fleece).

Other information

None

SECTION 7: Handling and storage**Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Clean contaminated surface thoroughly. Use with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from direct sunlight. Keep away from heat and sources of ignition.

Specific end uses

Ink for Ink Jet Printer. Obtain special instructions before use.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure limits**

Chemical name	EU OEL	Australia OEL	OSHA PEL	ACGIH TLV
Glycerin 56-81-5	None	TWA: 10 mg/m ³ inhalable dust, mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction	None
Carbon black	None	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	TWA: 3 mg/m ³ inhalable

1333-86-4				particulate matter
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Appropriate engineering controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection	Not required under normal use.
Skin protection	Not required under normal use.
Respiratory protection	Not required under normal use.
Thermal hazards	Not applicable

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Color	Black
Odor	Slight odor
Melting/freezing point (°C)	No data available
Boiling point or initial boiling point and boiling range (°C)	No data available
Flammability	None
Lower and upper explosion limit	None
Flash point (°C)	> 93.0°C (Tag. Closed Cup.)
Auto-ignition temperature (°C)	None
Decomposition temperature (°C)	No data available
pH	8 - 10
Kinematic viscosity (mm²/s)	1 - 5
Solubility	Water; miscible
Partition coefficient n-octanol/water (log value)	Not applicable
Vapor pressure	No data available
Density and/or relative density	1.0 - 1.1
Relative vapor density	No data available
Particle characteristics	Not applicable

Other information

No data available

SECTION 10: Stability and reactivity

Reactivity

None

Chemical stability

Stable

Possibility of hazardous reactions

None

Conditions to avoid

None

Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

Hazardous decomposition products

Carbon dioxide (CO₂), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Serious eye damage/eye irritation	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Sensitization	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	The IARC evaluated carbon black, as a Group 2B carcinogen, for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposure to powdered carbon black at levels that induce particle overload of the lung. However, the amount of inhalation exposure to powdered carbon black is negligible under intended use of this product.
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available
Other information	No data available

SECTION 12: Ecological information

Toxicity

Ecotoxicity effects

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects

No data available

SECTION 13: Disposal considerations

Waste treatment methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

<u>UN number</u>	None
<u>UN proper shipping name</u>	None
<u>Transport hazard class</u>	None
<u>Packing group</u>	None
<u>Environmental hazards</u>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<u>Special precautions for users</u>	IATA: Not regulated
<u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u>	Not applicable
<u>Other information</u>	Not classified as dangerous goods according to ADG.

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EU) 2019/1021	Not regulated
(EU) No 649/2012	Not regulated
Australia Information	Not classified as hazardous according to criteria of Model Work Health and Safety Regulations.
Other information	None

SECTION 16: Other information

GHS classification and labelling stated in SECTION 2 and 3 is according to EU Regulation (EC) No 1272/2008 and Australian Model Work Health and Safety Regulations

The data in SECTION 9, 11 and 12 of this SDS are based on the test results of this product, or estimates based on the data of similar product or the ingredients of this product.

Key literature references and sources for data

- U.S. Department of Labor, 29CFR Part 1910
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EU) 2019/1021, (EU) No 649/2012
- Safe Work Australia, Model Work Health and Safety Act and Model Work Health and Safety Regulations
- Australian Code for the Transport of Dangerous Goods by Road & Rail

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

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Canon Ink Tank PFI-3870 PBK

- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- EU OEL: Occupational exposure limits at Union level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164 and (EU) 2019/1831.
- OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA)
- ACGIH TLV: TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- ADG: Australian Dangerous Goods
- CBI: Confidential Business Information

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Revision note None

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.