Safety Data Sheet

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

Product identifier

Product name Canon Ink Tank PFI-8307C

Product code(s) 9817B

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. Safety data sheet available on request.

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
Urea compound	CBI	CBI	5 - 10	Eye Irrit. 2 (H319) STOT RE 2 (thyroid gland) (H373)	
Glycol	CBI	CBI	5 - 10	None	
Substituted phthalocyanine	CBI	CBI	5 - 10	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	
Isopropyl alcohol	67-63-0	200-661-7	1 - 5	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	(1)
Nitrate	CBI	CBI	1 - 5	None	
Triol	CBI	CBI	1 - 3	Repr. 2 (H361)	
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 CO_2, water, dry chemical, or foam.

Unsuitable extinguishing media
None

Special hazards arising from the substance or mixture

Special hazard
None

Hazardous combustion products
Carbon dioxide (CO_2), 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
Isopropyl alcohol 67-63-0	None	TWA: 400 ppm TWA: 983 mg/m³ STEL: 500 ppm STEL: 1230 mg/m³	TWA: 400 ppm TWA: 980 mg/m³	TWA: 200 ppm STEL: 400 ppm

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	Cyan
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	No data available
Flash point (°C)	59.3 (Tag. Closed Cup. Combustion is not sustainable.)
Auto-ignition temperature (°C)	No data available
Decomposition temperature (°C)	No data available
pH	7 - 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 (CO_2), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	Mild irritant (OECD Guideline)
Serious eye damage/eye irritation	Moderate irritant (OECD Guideline)
Sensitization	Non-sensitizer (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	The IARC evaluated ingested nitrate as a Group 2A carcinogen, for which there is inadequate human evidence for nitrate in food or drinking-water and inadequate animal evidence for nitrate, but limited human evidence for nitrite in food, limited animal evidence for nitrite and sufficient animal evidence for nitrite in combination with amines or amides. A part of ingested nitrate is changed to nitrite in the body. However, no ingestion of nitrate is expected under intended use of this product.
Reproductive toxicity	Triol is classified as a Category 2 (GHS) reproductive toxicant. However, the amount of exposure to triol is negligible under intended use of this product.
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available
Other information	Ingested nitrate may cause effects on the blood, resulting in formation of methemoglobin. However, no ingestion of nitrate at a level which causes such adverse effects is expected under intended use of this product.

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

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

Full text of H-statements referred to under SECTION 2 and 3
H225 - Highly flammable liquid and vapor
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure

H412 - Harmful to aquatic life with long lasting effects

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
- 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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