Safety Data Sheet

Issuing date : 16-Feb-2006
Revision date : 31-Mar-2015

SDS # : ICW 0764 R - 01 EU EN
Version : 03

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

1.1. Product Identifier

Product name Canon Ink Tank PGI-9C

Product Code(s) 1035B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use Ink for Ink Jet Printer

1.3. Details of the supplier of the safety data sheet

Supplier
Importer
Canon Europa N.V.
Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands
+31 20 5458545, +31 20 5458222
www.canon-europe.com, ceu-Reach@canon-europe.com

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

1.4. Emergency Telephone Number

Austria	+43 (0) 1 406 43 43	**Belgium**	+32 (0) 70 245 245
Bulgaria	112	**Croatia**	+385 (0)1-23-48-342
Cyprus	1401	**Czech Republic**	+420 224919293
Denmark	+45 82 12 12 12 [*1]	**Estonia**	16662
Finland	+358 (0)9 471977	**France**	+33 (0)1 45 42 59 59
Greece	+30 210 7793777	**Hungary**	+36 80 20 11 99
Italy	+39 (0)55 7947819	**Latvia**	+371 67042473
Lithuania	+370 687 53378	**Luxembourg**	112
Malta	112	**Netherlands**	+31 (0)30-2748888 [*2]
Poland	112	**Portugal**	+351 808 250 143
Romania	+40 21 318 36 06	**Slovakia**	+421 2 5477 4166
Slovenia	112	**Spain**	112
Sweden	112 [*3]	**United Kingdom**	111 (UK only)
Iceland	112	**Liechtenstein**	145
Norway	+47 22 59 13 00	**Switzerland**	145

*1 Kontakt Giftlinien på tlf.nr.: 82 12 12 12 (åbent 24 timer i døgnet). Se punkt 4 om førstehjælp.
*2 Only for the purpose of informing medical personnel in cases of acute intoxications.
*3 Ask for Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not classified

2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008
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.

Hazard pictograms
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary Statements - EU (§28, 1272/2008)
Not required

Other Information
Labelling according to Regulation (EU) No 528/2012
Contains a preservative to control microbial deterioration.

2.3. Other Hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS-No	EC-No	REACH registration number	Weight %	Classification (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Glycerin	56-81-5	200-289-5	None	5 - 10	None	None	None
Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl]bis[.omega.-hydroxy-	9014-85-1	None	None	1 - 5	Xi; R41	Xi - Irritant	Eye Dam. 1 (H318)
Glycol	CBI	CBI	None	5 - 10	None	None	None
Lactam	CBI	CBI	None	5 - 10	None	None	None
Water	7732-18-5	231-791-2	None	60 - 80	None	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. 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.

4.2. 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.

Chronic Effects None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use CO2, dry chemical, or foam, Water.

Unsuitable extinguishing media
None

5.2. Special hazards arising from the substance or mixture

Special Hazard
None

Hazardous combustion products
Carbon dioxide (CO_2), Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental Precautions

Keep out of waterways.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

None

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. 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.

7.3. Specific end uses

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	EU OEL	Austria	Belgium	Bulgaria	Cyprus
Glycerin 56-81-5	None	None	TWA: 10 mg/m³	None	None
Chemical name	**Czech Republic**	**Denmark**	**Finland**	**France**	**Germany**
Glycerin 56-81-5	TWA: 10 mg/m³ Ceiling: 15 mg/m³	None	TWA: 20 mg/m³	TWA: 10 mg/m³	DFG TWA: 50 mg/m³ inhalable fraction Ceiling / Peak: 100 mg/m³ inhalable fraction
Chemical name	**Greece**	**Hungary**	**Ireland**	**Italy**	**Netherlands**
Glycerin 56-81-5	TWA: 10 mg/m³	None	TWA: 10 mg/m³ mist	None	None
Chemical name	**Poland**	**Portugal**	**Romania**	**Slovakia**	**Spain**
Glycerin 56-81-5	TWA: 10 mg/m³ aerosol	TWA: 10 mg/m³ mist	None	None	TWA: 10 mg/m³ mist
Chemical name	**Sweden**	**United Kingdom**	**Norway**	**Switzerland**	**Turkey**
Glycerin 56-81-5	None	TWA: 10 mg/m³ mist	None	TWA: 50 mg/m³ inhalable STEL: 100 mg/m³ inhalable	None

8.2. Exposure controls

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

9.1. Information on basic physical and chemical properties

Appearance Cyan ; Liquid

Odor	Slight odor
Odor threshold	No data available
pH	8 - 9
Melting/Freezing point (°C)	No data available
Boiling Point/Range (°C)	No data available
Flash Point (°C)	None; estimated
Evaporation Rate	No data available
Flammability (solid, gas)	Not flammable; Not combustible
Flammability Limits in Air	
Upper Flammability Limit	None; estimated
Lower Flammability Limit	None; estimated
Vapor pressure	No data available
Vapor Density	No data available
Relative density	1.0 - 1.1
Solubility(ies)	Water; miscible
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature (°C)	None; estimated
Decomposition Temperature (°C)	No data available
Viscosity (mPa s)	1 - 5
Explosive properties	None; estimated
Oxidizing properties	None; estimated

9.2. Other Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable

10.3. Possibility of Hazardous Reactions

None

10.4. Conditions to Avoid

None

10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

10.6. Hazardous Decomposition Products

Carbon dioxide (CO_2), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity No data available

Skin corrosion/irritation Non-irritant (OECD Guideline)

Serious eye damage/eye irritation	Minimal irritant (OECD Guideline)
Sensitization	Non-sensitizer (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	No data available
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

12.1. Toxicity

Ecotoxicity effects
No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. 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).

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number	None
14.2. UN Proper Shipping Name	None

14.3. Transport Hazard Class	None
14.4. Packing Group	None
14.5. Environmental Hazards	No special environmental precautions required.
14.6. Special Precautions for users	None
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EC) No 850/2004	Not regulated
(EU) No 649/2012	Not regulated
Other Information	None

15.2. Chemical safety assessment

None

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
R41 - Risk of serious damage to eyes

Full text of H-Statements referred to under sections 2 and 3
H318 - Causes serious eye damage

Key literature references and sources for data
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Directive 1999/45/EC
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012

Key or legend to abbreviations and acronyms used in the safety data sheet
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- IARC: International Agency for Research on Cancer
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- CBI: Confidential Business Information

Issuing date :	16-Feb-2006
Revision date :	31-Mar-2015
Revision Note	Entirely revised

This safety data sheet (SDS) is supplied under (EC) No 1907/2006 Article 31-3.

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.

Safety Data Sheet

Issuing date : 16-Feb-2006
Revision date : 31-Mar-2015

SDS # : ICW 0771 R - 01 EU EN
Version : 04

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

1.1. Product Identifier

Product name Canon Ink Tank PGI-9GY

Product Code(s) 1042B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use Ink for Ink Jet Printer

1.3. Details of the supplier of the safety data sheet

Supplier
Importer
Canon Europa N.V.
Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands
+31 20 5458545, +31 20 5458222
www.canon-europe.com, ceu-Reach@canon-europe.com

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

1.4. Emergency Telephone Number

Austria	+43 (0) 1 406 43 43	**Belgium**	+32 (0) 70 245 245
Bulgaria	112	**Croatia**	+385 (0)1-23-48-342
Cyprus	1401	**Czech Republic**	+420 224919293
Denmark	+45 82 12 12 12 [*1]	**Estonia**	16662
Finland	+358 (0)9 471977	**France**	+33 (0)1 45 42 59 59
Greece	+30 210 7793777	**Hungary**	+36 80 20 11 99
Italy	+39 (0)55 7947819	**Latvia**	+371 67042473
Lithuania	+370 687 53378	**Luxembourg**	112
Malta	112	**Netherlands**	+31 (0)30-2748888 [*2]
Poland	112	**Portugal**	+351 808 250 143
Romania	+40 21 318 36 06	**Slovakia**	+421 2 5477 4166
Slovenia	112	**Spain**	112
Sweden	112 [*3]	**United Kingdom**	111 (UK only)
Iceland	112	**Liechtenstein**	145
Norway	+47 22 59 13 00	**Switzerland**	145

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*2 Only for the purpose of informing medical personnel in cases of acute intoxications.
*3 Ask for Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not classified

2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008
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.

Hazard pictograms
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary Statements - EU (§28, 1272/2008)
Not required

Other Information
Labelling according to Regulation (EU) No 528/2012
Contains a preservative to control microbial deterioration.

2.3. Other Hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS-No	EC-No	REACH registration number	Weight %	Classification (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Glycerin	56-81-5	200-289-5	None	5 - 10	None	None	None
Ethylene glycol	107-21-1	203-473-3	None	5 - 10	Xn; R22	Xn - Harmful	Acute Tox. 4 (H302)
Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl]bis[.omega.-hydroxy-	9014-85-1	None	None	1 - 5	Xi; R41	Xi - Irritant	Eye Dam. 1 (H318)
Carbon black	1333-86-4	215-609-9	None	< 1	None	None	None
Lactam	CBI	CBI	None	5 - 10	None	None	None
Water	7732-18-5	231-791-2	None	60 - 80	None	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. 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.

4.2. 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.

Chronic Effects None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use CO2, dry chemical, or foam, Water.

Unsuitable extinguishing media
None

5.2. Special hazards arising from the substance or mixture

Special Hazard
None

Hazardous combustion products
Carbon dioxide (CO_2), Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental Precautions

Keep out of waterways.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

None

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. 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.

7.3. Specific end uses

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	EU OEL	Austria	Belgium	Bulgaria	Cyprus
Glycerin 56-81-5	None	None	TWA: 10 mg/m³	None	None
Ethylene glycol 107-21-1	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³	TWA: 10 ppm TWA: 26 mg/m³ STEL: 20 ppm STEL: 52 mg/m³	None	TWA: 52.0 mg/m³ STEL: 104.0 mg/m³	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³
Carbon black 1333-86-4	None	None	TWA: 3.5 mg/m³	None	None
Chemical name	**Czech Republic**	**Denmark**	**Finland**	**France**	**Germany**
Glycerin 56-81-5	TWA: 10 mg/m³ Ceiling: 15 mg/m³	None	TWA: 20 mg/m³	TWA: 10 mg/m³	DFG TWA: 50 mg/m³ inhalable fraction Ceiling / Peak: 100 mg/m³ inhalable fraction
Ethylene glycol 107-21-1	TWA: 50 mg/m³ Ceiling: 100 mg/m³	TWA: 10 ppm TWA: 26 mg/m³ TWA: 10 mg/m³	TWA: 20 ppm TWA: 50 mg/m³ STEL: 40 ppm STEL: 100 mg/m³	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³	TRGS TWA: 10 ppm TRGS TWA: 26 mg/m³ DFG TWA: 10 ppm DFG TWA: 26 mg/m³ Ceiling / Peak: 20 ppm Ceiling / Peak: 52 mg/m³
Carbon black 1333-86-4	TWA: 2.0 mg/m³ dust	TWA: 3.5 mg/m³	TWA: 3.5 mg/m³ STEL: 7 mg/m³	TWA: 3.5 mg/m³	None
Chemical name	**Greece**	**Hungary**	**Ireland**	**Italy**	**Netherlands**
Glycerin 56-81-5	TWA: 10 mg/m³	None	TWA: 10 mg/m³ mist	None	None
Ethylene glycol 107-21-1	None	TWA: 52 mg/m³ STEL: 104 mg/m³	TWA: 10 mg/m³ particulate	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³	TWA: 10 mg/m³ STEL: 104 mg/m³
Carbon black 1333-86-4	TWA: 3.5 mg/m³ STEL: 7 mg/m³	None	TWA: 3.5 mg/m³ STEL: 7 mg/m³	None	None
Chemical name	**Poland**	**Portugal**	**Romania**	**Slovakia**	**Spain**
Glycerin 56-81-5	TWA: 10 mg/m³ aerosol	TWA: 10 mg/m³ mist	None	None	TWA: 10 mg/m³ mist

Ethylene glycol 107-21-1	TWA: 15 mg/m³ STEL: 50 mg/m³	Ceiling: 100 mg/m³	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³	TWA: 20 ppm TWA: 52 mg/m³	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³
Carbon black 1333-86-4	TWA: 4.0 mg/m³ total inhalable dust	TWA: 3.5 mg/m³	None	TWA: 2 mg/m³ respirable fraction, 5% or less fibrogenic component TWA: 10 mg/m³ respirable fraction, greater than 5% fibrogenic component TWA: 10 mg/m³ total aerosol	TWA: 3.5 mg/m³
Chemical name	**Sweden**	**United Kingdom**	**Norway**	**Switzerland**	**Turkey**
Glycerin 56-81-5	None	TWA: 10 mg/m³ mist	None	TWA: 50 mg/m³ inhalable STEL: 100 mg/m³ inhalable	None
Ethylene glycol 107-21-1	TLV: 10 ppm aerosol and vapor TLV: 25 mg/m³ aerosol and vapor STEL: 20 ppm aerosol and vapor STEL: 50 mg/m³ aerosol and vapor	TWA: 10 mg/m³ particulate	TWA: 10 mg/m³ dust STEL: 20 mg/m³ dust Ceiling: 25 ppm	TWA: 10 ppm TWA: 26 mg/m³ STEL: 20 ppm STEL: 52 mg/m³	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³
Carbon black 1333-86-4	TLV: 3 mg/m³ total dust	TWA: 3.5 mg/m³ STEL: 7 mg/m³	TWA: 3.5 mg/m³ STEL: 7 mg/m³	None	None

8.2. Exposure controls

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

9.1. Information on basic physical and chemical properties

Appearance	Black ; Liquid
Odor	Slight odor
Odor threshold	No data available
pH	8 - 9
Melting/Freezing point (°C)	No data available
Boiling Point/Range (°C)	No data available
Flash Point (°C)	None; estimated
Evaporation Rate	No data available
Flammability (solid, gas)	Not flammable; Not combustible
Flammability Limits in Air	
Upper Flammability Limit	None; estimated
Lower Flammability Limit	None; estimated
Vapor pressure	No data available
Vapor Density	No data available
Relative density	1.0 - 1.1
Solubility(ies)	Water; miscible
Partition coefficient: n-octanol/water	No data available

Autoignition Temperature (°C)	None; estimated
Decomposition Temperature (°C)	No data available
Viscosity (mPa s)	1 - 5
Explosive properties	None; estimated
Oxidizing properties	None; estimated

9.2. Other Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable

10.3. Possibility of Hazardous Reactions

None

10.4. Conditions to Avoid

None

10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

10.6. Hazardous Decomposition Products

Carbon dioxide (CO_2), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	Non-irritant (Estimate) (OECD Guideline)
Serious eye damage/eye irritation	Mild irritant (Estimate) (OECD Guideline)
Sensitization	Non-sensitizer (Estimate) (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

12.1. Toxicity

Ecotoxicity effects
No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. 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).

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number	None
14.2. UN Proper Shipping Name	None
14.3. Transport Hazard Class	None
14.4. Packing Group	None
14.5. Environmental Hazards	No special environmental precautions required.
14.6. Special Precautions for users	None
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EC) No 850/2004	Not regulated
(EU) No 649/2012	Not regulated
Other Information	None

15.2. Chemical safety assessment

None

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
R22 - Harmful if swallowed
R41 - Risk of serious damage to eyes

Full text of H-Statements referred to under sections 2 and 3
H302 - Harmful if swallowed
H318 - Causes serious eye damage

Key literature references and sources for data
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Directive 1999/45/EC
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012

Key or legend to abbreviations and acronyms used in the safety data sheet
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- IARC: International Agency for Research on Cancer
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- CBI: Confidential Business Information

Issuing date :	16-Feb-2006
Revision date :	31-Mar-2015
Revision Note	Entirely revised

This safety data sheet (SDS) is supplied under (EC) No 1907/2006 Article 31-3.

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.

Safety Data Sheet

Issuing date : 16-Feb-2006
Revision date : 31-Mar-2015

SDS # : ICW 0765 R - 01 EU EN
Version : 03

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

1.1. Product Identifier

Product name Canon Ink Tank PGI-9M

Product Code(s) 1036B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use Ink for Ink Jet Printer

1.3. Details of the supplier of the safety data sheet

Supplier
Importer
Canon Europa N.V.
Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands
+31 20 5458545, +31 20 5458222
www.canon-europe.com, ceu-Reach@canon-europe.com

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

1.4. Emergency Telephone Number

Austria	+43 (0) 1 406 43 43	**Belgium**	+32 (0) 70 245 245
Bulgaria	112	**Croatia**	+385 (0)1-23-48-342
Cyprus	1401	**Czech Republic**	+420 224919293
Denmark	+45 82 12 12 12 [*1]	**Estonia**	16662
Finland	+358 (0)9 471977	**France**	+33 (0)1 45 42 59 59
Greece	+30 210 7793777	**Hungary**	+36 80 20 11 99
Italy	+39 (0)55 7947819	**Latvia**	+371 67042473
Lithuania	+370 687 53378	**Luxembourg**	112
Malta	112	**Netherlands**	+31 (0)30-2748888 [*2]
Poland	112	**Portugal**	+351 808 250 143
Romania	+40 21 318 36 06	**Slovakia**	+421 2 5477 4166
Slovenia	112	**Spain**	112
Sweden	112 [*3]	**United Kingdom**	111 (UK only)
Iceland	112	**Liechtenstein**	145
Norway	+47 22 59 13 00	**Switzerland**	145

*1 Kontakt Giftlinien på tlf.nr.: 82 12 12 12 (åbent 24 timer i døgnet). Se punkt 4 om førstehjælp.
*2 Only for the purpose of informing medical personnel in cases of acute intoxications.
*3 Ask for Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not classified

2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008
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.

Hazard pictograms
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary Statements - EU (§28, 1272/2008)
Not required

Other Information
Labelling according to Regulation (EU) No 528/2012
Contains a preservative to control microbial deterioration.

2.3. Other Hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS-No	EC-No	REACH registration number	Weight %	Classification (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Glycerin	56-81-5	200-289-5	None	5 - 10	None	None	None
Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl]bis[.omega.-hydroxy-	9014-85-1	None	None	1 - 5	Xi; R41	Xi - Irritant	Eye Dam. 1 (H318)
Glycol	CBI	CBI	None	5 - 10	None	None	None
Lactam	CBI	CBI	None	5 - 10	None	None	None
Water	7732-18-5	231-791-2	None	60 - 80	None	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. 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.

4.2. 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.

Chronic Effects None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use CO2, dry chemical, or foam, Water.

Unsuitable extinguishing media
None

5.2. Special hazards arising from the substance or mixture

Special Hazard
None

Hazardous combustion products
Carbon dioxide (CO_2), Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental Precautions

Keep out of waterways.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

None

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. 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.

7.3. Specific end uses

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	EU OEL	Austria	Belgium	Bulgaria	Cyprus
Glycerin 56-81-5	None	None	TWA: 10 mg/m³	None	None
Chemical name	**Czech Republic**	**Denmark**	**Finland**	**France**	**Germany**
Glycerin 56-81-5	TWA: 10 mg/m³ Ceiling: 15 mg/m³	None	TWA: 20 mg/m³	TWA: 10 mg/m³	DFG TWA: 50 mg/m³ inhalable fraction Ceiling / Peak: 100 mg/m³ inhalable fraction
Chemical name	**Greece**	**Hungary**	**Ireland**	**Italy**	**Netherlands**
Glycerin 56-81-5	TWA: 10 mg/m³	None	TWA: 10 mg/m³ mist	None	None
Chemical name	**Poland**	**Portugal**	**Romania**	**Slovakia**	**Spain**
Glycerin 56-81-5	TWA: 10 mg/m³ aerosol	TWA: 10 mg/m³ mist	None	None	TWA: 10 mg/m³ mist
Chemical name	**Sweden**	**United Kingdom**	**Norway**	**Switzerland**	**Turkey**
Glycerin 56-81-5	None	TWA: 10 mg/m³ mist	None	TWA: 50 mg/m³ inhalable STEL: 100 mg/m³ inhalable	None

8.2. Exposure controls

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

9.1. Information on basic physical and chemical properties

Appearance Magenta ; Liquid

Odor	Slight odor
Odor threshold	No data available
pH	8 - 9
Melting/Freezing point (°C)	No data available
Boiling Point/Range (°C)	No data available
Flash Point (°C)	None; estimated
Evaporation Rate	No data available
Flammability (solid, gas)	Not flammable; Not combustible
Flammability Limits in Air	
Upper Flammability Limit	None; estimated
Lower Flammability Limit	None; estimated
Vapor pressure	No data available
Vapor Density	No data available
Relative density	1.0 - 1.1
Solubility(ies)	Water; miscible
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature (°C)	None; estimated
Decomposition Temperature (°C)	No data available
Viscosity (mPa s)	1 - 5
Explosive properties	None; estimated
Oxidizing properties	None; estimated

9.2. Other Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable

10.3. Possibility of Hazardous Reactions

None

10.4. Conditions to Avoid

None

10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

10.6. Hazardous Decomposition Products

Carbon dioxide (CO_2), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity No data available

Skin corrosion/irritation Mild irritant (Estimate) (OECD Guideline)

Serious eye damage/eye irritation	Minimal irritant (Estimate) (OECD Guideline)
Sensitization	Non-sensitizer (Estimate) (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	No data available
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

12.1. Toxicity

Ecotoxicity effects
No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. 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).

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number	None
14.2. UN Proper Shipping Name	None

14.3. Transport Hazard Class	None
14.4. Packing Group	None
14.5. Environmental Hazards	No special environmental precautions required.
14.6. Special Precautions for users	None
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EC) No 850/2004	Not regulated
(EU) No 649/2012	Not regulated
Other Information	None

15.2. Chemical safety assessment

None

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
R41 - Risk of serious damage to eyes

Full text of H-Statements referred to under sections 2 and 3
H318 - Causes serious eye damage

Key literature references and sources for data
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Directive 1999/45/EC
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012

Key or legend to abbreviations and acronyms used in the safety data sheet
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- IARC: International Agency for Research on Cancer
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- CBI: Confidential Business Information

Issuing date :	16-Feb-2006
Revision date :	31-Mar-2015
Revision Note	Entirely revised

This safety data sheet (SDS) is supplied under (EC) No 1907/2006 Article 31-3.

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Safety Data Sheet

Issuing date : 16-Feb-2006
Revision date : 31-Mar-2015

SDS # : ICW 0762 R - 01 EU EN
Version : 03

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

1.1. Product Identifier

Product name Canon Ink Tank PGI-9MBK

Product Code(s) 1033B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use Ink for Ink Jet Printer

1.3. Details of the supplier of the safety data sheet

Supplier
Importer
Canon Europa N.V.
Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands
+31 20 5458545, +31 20 5458222
www.canon-europe.com, ceu-Reach@canon-europe.com

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

1.4. Emergency Telephone Number

Austria	+43 (0) 1 406 43 43	**Belgium**	+32 (0) 70 245 245
Bulgaria	112	**Croatia**	+385 (0)1-23-48-342
Cyprus	1401	**Czech Republic**	+420 224919293
Denmark	+45 82 12 12 12 [*1]	**Estonia**	16662
Finland	+358 (0)9 471977	**France**	+33 (0)1 45 42 59 59
Greece	+30 210 7793777	**Hungary**	+36 80 20 11 99
Italy	+39 (0)55 7947819	**Latvia**	+371 67042473
Lithuania	+370 687 53378	**Luxembourg**	112
Malta	112	**Netherlands**	+31 (0)30-2748888 [*2]
Poland	112	**Portugal**	+351 808 250 143
Romania	+40 21 318 36 06	**Slovakia**	+421 2 5477 4166
Slovenia	112	**Spain**	112
Sweden	112 [*3]	**United Kingdom**	111 (UK only)
Iceland	112	**Liechtenstein**	145
Norway	+47 22 59 13 00	**Switzerland**	145

*1 Kontakt Giftlinien på tlf.nr.: 82 12 12 12 (åbent 24 timer i døgnet). Se punkt 4 om førstehjælp.
*2 Only for the purpose of informing medical personnel in cases of acute intoxications.
*3 Ask for Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not classified

2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008
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.

Hazard pictograms
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary Statements - EU (§28, 1272/2008)
Not required

Other Information
Labelling according to Regulation (EU) No 528/2012
Contains a preservative to control microbial deterioration.

2.3. Other Hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS-No	EC-No	REACH registration number	Weight %	Classification (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Glycerin	56-81-5	200-289-5	None	5 - 10	None	None	None
Diethylene glycol	111-46-6	203-872-2	None	5 - 10	Xn; R22	Xn - Harmful	Acute Tox. 4 (H302)
Lactam	CBI	CBI	None	5 - 10	None	None	None
Water	7732-18-5	231-791-2	None	60 - 80	None	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. 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.

4.2. 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.
Chronic Effects	None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use CO2, dry chemical, or foam, Water.

Unsuitable extinguishing media
None

5.2. Special hazards arising from the substance or mixture

Special Hazard
None

Hazardous combustion products
Carbon dioxide (CO_2), Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental Precautions

Keep out of waterways.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

None

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. 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.

7.3. Specific end uses

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	EU OEL	Austria	Belgium	Bulgaria	Cyprus
Glycerin 56-81-5	None	None	TWA: 10 mg/m³	None	None
Diethylene glycol 111-46-6	None	TWA: 10 ppm TWA: 44 mg/m³ STEL: 40 ppm STEL: 176 mg/m³	None	TWA: 10.0 mg/m³	None
Chemical name	**Czech Republic**	**Denmark**	**Finland**	**France**	**Germany**
Glycerin 56-81-5	TWA: 10 mg/m³ Ceiling: 15 mg/m³	None	TWA: 20 mg/m³	TWA: 10 mg/m³	DFG TWA: 50 mg/m³ inhalable fraction Ceiling / Peak: 100 mg/m³ inhalable fraction
Diethylene glycol 111-46-6	None	TWA: 2.5 ppm TWA: 11 mg/m³	None	None	TRGS TWA: 10 ppm TRGS TWA: 44 mg/m³ DFG TWA: 10 ppm DFG TWA: 44 mg/m³ Ceiling / Peak: 40 ppm Ceiling / Peak: 176 mg/m³
Chemical name	**Greece**	**Hungary**	**Ireland**	**Italy**	**Netherlands**
Glycerin 56-81-5	TWA: 10 mg/m³	None	TWA: 10 mg/m³ mist	None	None
Diethylene glycol 111-46-6	None	None	TWA: 23 ppm TWA: 100 mg/m³	None	None
Chemical name	**Poland**	**Portugal**	**Romania**	**Slovakia**	**Spain**
Glycerin 56-81-5	TWA: 10 mg/m³ aerosol	TWA: 10 mg/m³ mist	None	None	TWA: 10 mg/m³ mist
Diethylene glycol 111-46-6	TWA: 10 mg/m³ aerosol	None	TWA: 115 ppm TWA: 500 mg/m³ STEL: 184 ppm STEL: 800 mg/m³	TWA: 10 ppm TWA: 44 mg/m³	None
Chemical name	**Sweden**	**United Kingdom**	**Norway**	**Switzerland**	**Turkey**
Glycerin 56-81-5	None	TWA: 10 mg/m³ mist	None	TWA: 50 mg/m³ inhalable STEL: 100 mg/m³ inhalable	None
Diethylene glycol 111-46-6	TLV: 10 ppm TLV: 45 mg/m³ STEL: 20 ppm STEL: 90 mg/m³	TWA: 23 ppm TWA: 101 mg/m³	None	TWA: 10 ppm TWA: 44 mg/m³ STEL: 40 ppm STEL: 176 mg/m³	None

8.2. Exposure controls

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

9.1. Information on basic physical and chemical properties

Appearance	Black ; Liquid
Odor	Slight odor
Odor threshold	No data available
pH	8 - 9
Melting/Freezing point (°C)	No data available
Boiling Point/Range (°C)	No data available
Flash Point (°C)	None; estimated
Evaporation Rate	No data available
Flammability (solid, gas)	Not flammable; Not combustible
Flammability Limits in Air	
Upper Flammability Limit	None; estimated
Lower Flammability Limit	None; estimated
Vapor pressure	No data available
Vapor Density	No data available
Relative density	1.0 - 1.1
Solubility(ies)	Water; miscible
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature (°C)	None; estimated
Decomposition Temperature (°C)	No data available
Viscosity (mPa s)	1 - 5
Explosive properties	None; estimated
Oxidizing properties	None; estimated

9.2. Other Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable

10.3. Possibility of Hazardous Reactions

None

10.4. Conditions to Avoid

None

10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

10.6. Hazardous Decomposition Products

Carbon dioxide (CO_2), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	Non-irritant (OECD Guideline)
Serious eye damage/eye irritation	Mild irritant (OECD Guideline)
Sensitization	Non-sensitizer (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	No data available
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

12.1. Toxicity

Ecotoxicity effects
No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. 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).

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number	None
14.2. UN Proper Shipping Name	None
14.3. Transport Hazard Class	None
14.4. Packing Group	None
14.5. Environmental Hazards	No special environmental precautions required.
14.6. Special Precautions for users	None
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EC) No 850/2004	Not regulated
(EU) No 649/2012	Not regulated
Other Information	None

15.2. Chemical safety assessment

None

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
R22 - Harmful if swallowed

Full text of H-Statements referred to under sections 2 and 3
H302 - Harmful if swallowed

Key literature references and sources for data
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Directive 1999/45/EC
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012

Key or legend to abbreviations and acronyms used in the safety data sheet
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- IARC: International Agency for Research on Cancer
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- CBI: Confidential Business Information

Issuing date :	16-Feb-2006
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Safety Data Sheet

Issuing date : 16-Feb-2006
Revision date : 31-Mar-2015

SDS # : ICW 0766 R - 01 EU EN
Version : 03

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

1.1. Product Identifier

Product name Canon Ink Tank PGI-9Y

Product Code(s) 1037B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use Ink for Ink Jet Printer

1.3. Details of the supplier of the safety data sheet

Supplier
Importer
Canon Europa N.V.
Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands
+31 20 5458545, +31 20 5458222
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Manufacturer
Canon Inc.
30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan

1.4. Emergency Telephone Number

Austria	+43 (0) 1 406 43 43	**Belgium**	+32 (0) 70 245 245
Bulgaria	112	**Croatia**	+385 (0)1-23-48-342
Cyprus	1401	**Czech Republic**	+420 224919293
Denmark	+45 82 12 12 12 [*1]	**Estonia**	16662
Finland	+358 (0)9 471977	**France**	+33 (0)1 45 42 59 59
Greece	+30 210 7793777	**Hungary**	+36 80 20 11 99
Italy	+39 (0)55 7947819	**Latvia**	+371 67042473
Lithuania	+370 687 53378	**Luxembourg**	112
Malta	112	**Netherlands**	+31 (0)30-2748888 [*2]
Poland	112	**Portugal**	+351 808 250 143
Romania	+40 21 318 36 06	**Slovakia**	+421 2 5477 4166
Slovenia	112	**Spain**	112
Sweden	112 [*3]	**United Kingdom**	111 (UK only)
Iceland	112	**Liechtenstein**	145
Norway	+47 22 59 13 00	**Switzerland**	145

*1 Kontakt Giftlinien på tlf.nr.: 82 12 12 12 (åbent 24 timer i døgnet). Se punkt 4 om førstehjælp.
*2 Only for the purpose of informing medical personnel in cases of acute intoxications.
*3 Ask for Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not classified

2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008
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.

Hazard pictograms
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary Statements - EU (§28, 1272/2008)
Not required

Other Information
Labelling according to Regulation (EU) No 528/2012
Contains a preservative to control microbial deterioration.

2.3. Other Hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS-No	EC-No	REACH registration number	Weight %	Classification (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Glycerin	56-81-5	200-289-5	None	5 - 10	None	None	None
Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl]bis[.omega.-hydroxy-	9014-85-1	None	None	1 - 5	Xi; R41	Xi - Irritant	Eye Dam. 1 (H318)
Water	7732-18-5	231-791-2	None	60 - 80	None	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. 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.

4.2. 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.
Chronic Effects	None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use CO2, dry chemical, or foam, Water.

Unsuitable extinguishing media
None

5.2. Special hazards arising from the substance or mixture

Special Hazard
None

Hazardous combustion products
Carbon dioxide (CO_2), Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental Precautions

Keep out of waterways.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

None

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. 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.

7.3. Specific end uses

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	EU OEL	Austria	Belgium	Bulgaria	Cyprus
Glycerin 56-81-5	None	None	TWA: 10 mg/m³	None	None
Chemical name	**Czech Republic**	**Denmark**	**Finland**	**France**	**Germany**
Glycerin 56-81-5	TWA: 10 mg/m³ Ceiling: 15 mg/m³	None	TWA: 20 mg/m³	TWA: 10 mg/m³	DFG TWA: 50 mg/m³ inhalable fraction Ceiling / Peak: 100 mg/m³ inhalable fraction
Chemical name	**Greece**	**Hungary**	**Ireland**	**Italy**	**Netherlands**
Glycerin 56-81-5	TWA: 10 mg/m³	None	TWA: 10 mg/m³ mist	None	None
Chemical name	**Poland**	**Portugal**	**Romania**	**Slovakia**	**Spain**
Glycerin 56-81-5	TWA: 10 mg/m³ aerosol	TWA: 10 mg/m³ mist	None	None	TWA: 10 mg/m³ mist
Chemical name	**Sweden**	**United Kingdom**	**Norway**	**Switzerland**	**Turkey**
Glycerin 56-81-5	None	TWA: 10 mg/m³ mist	None	TWA: 50 mg/m³ inhalable STEL: 100 mg/m³ inhalable	None

8.2. Exposure controls

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

9.1. Information on basic physical and chemical properties

Appearance Yellow ; Liquid
Odor Slight odor
Odor threshold No data available

pH	8 - 9
Melting/Freezing point (°C)	No data available
Boiling Point/Range (°C)	No data available
Flash Point (°C)	None; estimated
Evaporation Rate	No data available
Flammability (solid, gas)	Not flammable; Not combustible
Flammability Limits in Air	
Upper Flammability Limit	None; estimated
Lower Flammability Limit	None; estimated
Vapor pressure	No data available
Vapor Density	No data available
Relative density	1.0 - 1.1
Solubility(ies)	Water; miscible
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature (°C)	None; estimated
Decomposition Temperature (°C)	No data available
Viscosity (mPa s)	1 - 5
Explosive properties	None; estimated
Oxidizing properties	None; estimated

9.2. Other Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable

10.3. Possibility of Hazardous Reactions

None

10.4. Conditions to Avoid

None

10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

10.6. Hazardous Decomposition Products

Carbon dioxide (CO_2), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	Mild irritant (Estimate) (OECD Guideline)
Serious eye damage/eye irritation	Minimal irritant (Estimate) (OECD Guideline)

Sensitization	Non-sensitizer (Estimate) (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	No data available
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

12.1. Toxicity

Ecotoxicity effects
No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. 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).

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number	None
14.2. UN Proper Shipping Name	None
14.3. Transport Hazard Class	None

14.4. Packing Group None

14.5. Environmental Hazards No special environmental precautions required.

14.6. Special Precautions for users None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EC) No 850/2004	Not regulated
(EU) No 649/2012	Not regulated
Other Information	None

15.2. Chemical safety assessment

None

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
R41 - Risk of serious damage to eyes

Full text of H-Statements referred to under sections 2 and 3
H318 - Causes serious eye damage

Key literature references and sources for data
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Directive 1999/45/EC
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012

Key or legend to abbreviations and acronyms used in the safety data sheet
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- IARC: International Agency for Research on Cancer
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- CBI: Confidential Business Information

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This safety data sheet (SDS) is supplied under (EC) No 1907/2006 Article 31-3.

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