



1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product name: High Yield Black Ink Cartridge for Canon PGI-1200XL (9219B001/9183B001)

Part number: CNMPGI1200XLBKC

1.2 IDENTIFIED USES AND USES ADVISED AGAINST

For use in: Inkjet Printers

1.3 **SUPPLIER DETAILS**

Contact Hours:

Supplier: Clover Imaging Group

4200 Columbus Street Ottawa, IL 61350 United States

Phone number: 815-431-8100

Fax: 815-461-8583 08:00AM-05:00PM CST

1.4 EMERGENCY TELEPHONE NUMBERS

Supplier: 815-431-8100

* This document provides safety-related information about ink/toner, in various forms, for use in copiers/printers etc.

2. HAZARDS IDENTIFICATION

2.1 INFORMATION and CLASSIFICATION

Overview: This product is a black liquid with a mild odor.

2.2 **LABEL ELEMENTS**

Applicable Pictograms:

NO PICTOGRAM

Danger Indications: Classification of the mixture: This product does not meet the criteria for classification in any hazard

class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substances and mixtures.

Risk Phrases: N/A Safety Phrases: n/a

2.3 **OTHER HAZARDS**

PBT or vPvB: This mixture does not contain PBT/vPvB substance.

Product: High Yield Black Ink Cartridge Revision date: 12/31/2024 Page: 1/9

for Canon PGI-1200XL (9219B001/9183B001)





3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS number	Weight %	OSHA PEL	ACGIH TLV	Other
Water	7732-18-5	<60			EC No: 231-791-2
Glycerol	56-81-5	<30			EC No: 200-289-5
Diethylene glycol C4H10O3	111-46-6	.1-9			EC No: 200-061-5
Diethylene glycol monobutyl ether	112-34.5	<3			EC No: 203-961-6. Classification H319
Direct Black 168	85631-88-5	<3			EC No: 288-038-6. Classification H412

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest Directives.

This section provides composition information for the specified substance/mixture.

4. FIRST-AID MEASURES

4.1 FIRST AID MEASURES

4.1.1

FIRST AID INSTRUCTIONS BY RELEVANT ROUTES OF EXPOSURE

Inhalation: None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at

rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

Eye contact: None expected to require first aid measures. Flush with running water for at least 15 minutes. If

irritation persists get medical attention.

Skin contact: None expected to require first aid measures. Wash thoroughly with soap and water. Get medical

attention in the unlikely event that irritation persists.

Ingestion: Immediate first aid is not likely to be required. A physician or poison control center can be

contacted for advice.

4.1.2 ADDITIONAL FIRST AID INFORMATION

Additional first aid information: In all cases of doubt, or when symptoms persist, seek medical attention.

Immediate Medical Attention Required: N/A

4.2 **SYMPTOMS AND EFFECTS**

Acute Symptoms from Exposure: The product is not classified as harmful to human health effect

Delayed Symptoms from Exposure: The product is not classified as harmful to human health effect

4.3 IMMEDIATE SPECIAL TREATMENT OR EQUIPMENT REQUIRED

Symptomatic treatment.

Product: High Yield Black Ink Cartridge Revision date: 12/31/2024 Page: 2/9

for Canon PGI-1200XL (9219B001/9183B001)



5. FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Recommended Extinguishing Media: Water spray, carbon dioxide, and dry powder.

Extinguishing Media Not to be Used: Not available.

5.2 **SPECIAL HAZARD**

Unusual Fire/Explosion Hazards: No specific fire or explosion hazard. In case of fire, the following can be released:

carbon monoxide, carbon dioxide.

Extinguishing Media Not to be Used: Not available.

5.3 ADVICE FOR FIRE FIGHTERS

Avoid inhalation of smoke. Wear protective clothing and wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 PRECAUTIONS FOR NON-EMERGENCY PERSONNEL

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.1.2 ADDITIONAL FIRST AID INFORMATION

N/A

6.1.3 PERSONAL PROTECTION

Wear personal protective equipment as described in Section 8.

6.2 **ENVIRONMENTAL PRECAUTIONS**

Regulatory Information: Keep product out of sewers and watercourses.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP

Spill or Leak Cleanup Procedures: Contain with absorbent material and dispose. Avoid disposing into drainage/sewer system or

Revision date: 12/31/2024

directly into the aquatic environment.

Product: High Yield Black Ink Cartridge for Canon PGI-1200XL

(9219B001/9183B001)

Page: 3/9



7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations for Handling: No special precautions when used as intended. Keep containers closed. If toner, avoid

creating dust. Keep away from ignition sources.

Advice on General Hygiene: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this

material, especially before eating, drinking, smoking, using the restroom, or applying

cosmetics.

7.2 **CONDITIONS FOR SAFE STORAGE**

Avoid high temperatures, >100°F/32°C

7.3 **SPECIFIC END USES**

Printing devices

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **CONTROL PARAMETERS**

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release in order to maintain airborne concentrations of the product below OSHA PELs (See Section 3).

Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

8.2 EXPOSURE CONTROLS

Respiratory protection:

IMPROPER USE OF RESPIRATORS IS DANGEROUS. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134 and 1910.137) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given work conditions, levels of airborne contamination, and sufficient levels of oxygen.

Eye/Face Protection:

Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Hand/Skin Protection:

For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. WARNING! Air purifying respirators do not protect worker in oxygen deficient atmospheres.

Additional Protection:

N/A

Protective Clothing and Equipment:

Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear splash-proof chemical goggles and face shield when working with liquid, unless full face piece respiratory protection is worn.

Safety Stations:

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment:

Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from your shoes and clean personal protective equipment. Never take home contaminated clothing.

Comments:

Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

Product: High Yield Black Ink Cartridge Revision date: 12/31/2024 Page: 4/9

for Canon PGI-1200XL (9219B001/9183B001)



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **DETAIL INFORMATION**

Physical state: APPEARANCE: Black liquid.

Color: Black
Odor: Mild odor.
Odor threshold: N/A

Boiling point: 101.6 °C (ASTM D1120)

Melting point: N/A

Flash point: >95 °C (Close Cup; ASTM D3278)

Explosion limits: N/A

Relative density: 1.08 at 20 °C /68 °F

Auto-ignition temperature: N/A

9.2 OTHER INFORMATION

Solubility in water (g/l, 20°C): Complete. Explosive properties: No explosion hazard

10. CHEMICAL STABILITY AND REACTIVITY

10.1 Reactivity:

Reactivity Hazards: None

Data on Mixture Substances: None

10.2 **Chemical Stability:** The product is stable. Under normal conditions of storage and use, hazardous

polymerization will not occur.

10.3 **Hazardous Polymerization:** Stable under conditions of normal use.

10.4 **Conditions to Avoid:** Keep away from heat, flame, sparks and other ignition sources.

10.5 **Incompatible Materials:** Strong oxidizing materials

10.6 Hazardous Decomposition: Will not occur.

Product: High Yield Black Ink Cartridge for Canon PGI-1200XL (9219B001/9183B001) Revision date: 12/31/2024 Page: 5/9



11. INFORMATION ON TOXICOLOGICAL EFFECT

Mixtures: N/A

Acute Toxicity: Acute toxicity: Glycerol (CAS#56-81-5) LD50(Oral, Rat): 27200 mg/kg bw LD50(Dermal, Rabbit):

Not available LC50(Inhalation, Rat): > 5850 mg/m³ 4 h

Skin Corrosion/Irritation: Not classified. Serious Eye Damage: Not classified. Inhalation: Not classified. Sensitization: Not classified. **Mutagenicity:** Not classified. Carcinogenicity: Not classified. Reproductive Toxicity: Not classified. Not classified. STOT - Single Exposure: **STOT - Multiple Exposure:** Not classified. Ingestion: Not classified.

Hazard Class Information: N/A **Mixture on Market Data:** N/A Symptoms: N/A Delayed/Immediate Effects: N/A Test Data on Mixture: N/A Not Meeting Classification: N/A **Routes of Exposure:** N/A **Interactive Effects:** N/A **Absence of Specific Data:** N/A Mixture vs Substance Data: N/A

12. ECOLOGICAL INFORMATION

12.1 **Eco toxicity:** Glycerol (CAS#56-81-5) Acute (short-term) toxicity: LC50(96h, Fish): 54000 mg/L LC50(48h,

Crustacea): 1955 mg/L

12.2 **Degradability:** Not available.

12.3 Bioaccumulation Potential: Not available.

12.4 **Mobility in Soil:** Not available.

12.5 **PBT & vPvB Assessment:** The mixture does not contain PBT / vPvB substance.

12.6 Other Adverse Effects: Not available.

13. DISPOSAL CONSIDERATIONS

Disposal Information:

Dispose of product in accordance with local authority regulations.

Empty container retains product residue.

Physical/Chemical Properties that affect Treatment:

Symbol: This product is not classified as dangerous

Risk Phrases: This product is not classified according to the federal, state and local environmental regulations.

Waste Treatment Information:

If toner, do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

Personal Protection Required:

N/A

Product: High Yield Black Ink Cartridge Revision date: 12/31/2024 Page: 6/9

for Canon PGI-1200XL (9219B001/9183B001)

Revision date: 12/31/2024



14. TRANSPORT INFORMATION

14.1 **ID Number:** Not Regulated

14.2 **Shipping Name:** Not Regulated

14.3 Hazard Class: N/A

14.4 Packing Group: Not Regulated

14.5 Environmental Hazards: No

14.6 User Precautions: N/A

14.7 **Bulk Transport:** Not Regulated

15. REGULATORY INFORMATION

15.1 Regulatory Information: N/A

EPA Regulatory Information: N/A

CERCLA Reportable Quantity: N/A

15.2 Superfund Information:

Hazard Categories:

Immediate: N/A

Delayed: N/A

Fire: N/A

Pressure: N/A

Reactivity: N/A

Section 302 - Extremely Hazardous: N/A

Section 311 - Hazardous: N/A

15.3 State Regulations: N/A

15.4 Other Regulatory Information: N/A

Product: High Yield Black Ink Cartridge for Canon PGI-1200XL (9219B001/9183B001)

Page: 7/9



16. OTHER INFORMATION

General Comments:

Revision date: 12/31/2024

This information is based on our current knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular

application

Creation Date of this SDS: 09/19/2025

Product: High Yield Black Ink Cartridge for Canon PGI-1200XL (9219B001/9183B001)

Page: 8/9



Key to Abbreviations and Acronyms used in this sheet:

ACGIH = American Conference of Governmental Industrial	NIOSH = National Institute for Occupational Safety and Health		
Hygienists			
CERCLA = Comprehensive Environmental Response Compensation	OSHA = Occupational Health and Safety Administration		
and Liability Act			
CLP = Classification, Labeling, and Packaging	PEL = Permissible Exposure Limit		
DSD = Dangerous Substances Directive	SCBA = Self Contained Breathing Apparatus		
EPA = Environmental Protection Agency	STOT = Specific Target Organ Toxicity		
GHS = Globally Harmonized System	TLV = Threshold Limit Value		
N/A = Not Applicable	UK = United Kingdom		
NFPA = National Fire Protection Association	UN = United Nations		

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Revision date: 12/31/2024

Product: High Yield Black Ink Cartridge for Canon PGI-1200XL (9219B001/9183B001)

Page: 9/9