
SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier:**Product Name:** SQ6A Clear Ink**Product Code:** 4A1-8463**Relevant Identified Uses and Uses Advised Against :** Ink for Ink Jet Printer maintenance**Manufacturer:** CANON FINETECH INC.**Address:** 717, Yaguchi, Misato-shi, Saitama 341-8527, Japan**Details of Supplier of Safety Data Sheet:****Supplier:** CANON FINETECH INC.**Address:** 717, Yaguchi, Misato-shi, Saitama 341-8527, Japan**Telephone Number:** +81-48-949-2111**Emergency Telephone Number:** +81-48-949-2111**MSDS NO.** IC0208-101

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: Plastic bottle containing colorless liquid with slight odor**US Regulatory Status:** Not classified as hazardous.**US Label Elements:****Signal Word:** Not required**Hazard Warning:** Not required**Safety Advice:** Not required**Hazardous Component:** Not required**EU Classification:** Not classified as dangerous.**EU Label Elements:****Symbol & Indication:** Not required**R-Phrase:** Not required**S-Phrase:** Not required**Dangerous Component:** Not required**Applicable Label Elements in accordance with Annex V to 1999/45/EC:** Safety data sheet available for professional user on request..**Authorisation# under (EC) No 1907/2006:** Not available**Other Hazards:** None

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**Substance or Mixture:** Mixture**Ingredient(s):**

Chemical Name/ Generic Name	CAS#	EC#/ Registration#	Concentration/ Concentration Range (%)	EU Classification according to 67/548/EEC		EU Classification according to (EC) No 1272/2008	
				Symbol/ Indication of Danger	R-Phrase* ¹	Hazard Class/ Category Code	Hazard Statement* ¹
Diethylene glycol	111-46-6	203-872-2	5 - 10	Xn/Harmful	R22	Acute Tox. 4	H302
Triethylene glycol	112-27-6	203-953-2	5 - 10	None	None	None	None
Triol	Confidential	Confidential	5 - 10	None	None	None	None
Water	7732-18-5	231-791-2	70 - 90	None	None	None	None

*1 Full texts of R-phrase(s) and Hazard statement(s) are listed in SECTION 16

Carcinogen(s):

No component of this ink is listed as a human carcinogen or a potential carcinogen in IARC Monographs, NTP, OSHA regulations or Part 3 of Annex VI to Regulation (EC) No 1272/2008.

PBT Substance(s) and vPvB Substance(s):

No component of this ink is a PBT or vPvB substance under Regulation (EC)1907/2006.

Substance(s) listed in Candidate List of SVHC:

No component of this ink is listed in the Candidate list of SVHC under Regulation (EC)1907/2006.

SECTION 4 FIRST AID MEASURES**First Aid Measures:****Inhalation:** If symptoms are experienced, move victim to fresh air and obtain medical advice.**Ingestion:** Rinse mouth. Give one or two glasses of water.**Skin:** If irritation or discomfort occurs, obtain medical advice immediately.**Eye:** Wash with water and soap or mild detergent.**Eye:** If irritation persists, obtain medical advice.**Eye:** Immediately flush with lukewarm, gently flowing water for 5 minutes or until the chemical is removed.**Eye:** If irritation persists, obtain medical advice immediately.**Most Important Symptoms and Effects, both Acute and Delayed:****Inhalation:** No adverse effects are expected under intended use.**Inhalation:** Over exposure to vapor or mist may cause respiratory tract irritation, cough, dizziness, drowsiness, headache and nausea.**Ingestion:** May cause abdominal pain, diarrhea, dizziness, drowsiness, dullness, headache, nausea and vomiting.**Skin :** Neither irritation nor sensitization is expected. (See SECTION 11)**Eye:** May cause minimal irritation. (See SECTION 11)**Chronic Effects:** Not identified**Medical Conditions Generally known to be Aggravated by Exposure:** Not identified**Indication of Any Immediate Medical Attention and Special Treatment Needed:** None

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:**Suitable Extinguishing Media:** CO₂, water, foam or dry chemicals.**Unsuitable Extinguishing Media:** None**Special Hazards:** None**Hazardous Combustion Products:** CO, CO₂, NO_x and SO_x**Advice for Fire-fighters:** None

SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective
Equipment and Emergency
Procedures:**

Avoid contact with skin, eyes and clothing.

Environmental Precautions:

Do not release to sewer, surface water or ground water.

**Methods and Material for
Containment and Cleaning Up:**

Wipe off with wet cloth or paper.

Reference to Other Sections:

None

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling:Use with adequate ventilation.
Avoid contact with skin, eyes and clothing.

In case of contact, wash out the contaminated area immediately.

**Conditions for Safe Storage,
Including Any Incompatibilities:**

Keep in a cool and dry place.

Protect from sunlight.

Specific End Uses:

Ink for Ink Jet Printer maintenance

For more information, please refer to the instruction of this product.

MATERIAL SAFETY DATA SHEET

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Product:	USA OSHA PEL	ACGIH TLV	EU OEL	DFG MAK
Product (Ink)	Not established	Not established	Not established	Not established

Ingredient(s):	USA OSHA PEL	ACGIH TLV	EU OEL	DFG MAK
Diethylene glycol	Not established	Not established	Not established	10 ppm, 44 mg/m ³
Triethylene glycol	Not established	Not established	Not established	1000 mg/m ³

Exposure Controls:

Engineering Controls: No special ventilation equipment is needed under intended use of this product.

DNEL(s): Not available

PNEC(s): Not available

Individual Protection Measures:

Eye/Face Protection: Required Not Required _____

Skin Protection: Required Not Required _____

Respiratory Protection: Required Not Required _____

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Appearance:	Colorless liquid
Odor:	Slight odor
pH:	7.0 – 8.0
Melting Point/Freezing Point (°C):	Not available
Initial Boiling Point and Boiling Range (°C):	Not available
Flash Point (°C):	None (Estimate)
Evaporation Rate:	Not available
Flammability:	Neither flammable nor combustible.
Upper/Lower Flammable or Explosive Limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	1.04- 1.10
Water Solubility:	Miscible
Fat Solubility:	Not available
Partition Coefficient (n-Octanol/Water):	Not available
Auto-ignition Temperature (°C):	Not available
Decomposition Temperature (°C):	Not available
Viscosity (mPa s):	1 - 3
Explosive Properties:	None (Estimate)
Oxidizing Properties:	None (Estimate)
Other Information:	None

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	None
Chemical Stability:	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
Possibility of Hazardous Reactions:	None
Conditions to Avoid:	None
Incompatible Materials:	Acids, bases, oxidizing materials and reducing agents.
Hazardous Decomposition Products:	CO, CO ₂ , NO _x and SO _x

SECTION 11 TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:**Acute Toxicity:****Inhalation:** Not available**Ingestion:** LD₅₀ > 2000 mg/kg (rat) (Estimate)

OECD Guidelines No.401 (1987), 92/69/EEC Method B1

Corrosivity/Irritation:**Skin:** Non irritant (rabbit) (Estimate)

OECD Guidelines No.404 (1992), 92/69/EEC Method B4

Eye: Minimal irritant (rabbit) (Estimate)

OECD Guidelines No.405 (1987), 92/69/EEC Method B5

Sensitization:**Skin:** Non sensitizer (guinea pig) (Estimate)

OECD Guidelines No.406 (1992), 96/54/EC Method B6

Repeated Dose Toxicity: Not available**Carcinogenicity:** Not available**Mutagenicity:** Ames test: Negative (*S. typhimurium* & *E. Coli*)**Toxicity for Reproduction:** Not available**Other Information:** Not available**Toxicokinetics, Metabolism and Distribution:** Not available

SECTION 12 ECOLOGICAL INFORMATION

Toxicity: Not available**Persistence and Degradability:** Not available**Bioaccumulative Potential:** Not available**Mobility in Soil:** Not available**Results of PBT and vPvB Assessment:** No results that the component(s) of this ink meet(s) the PBT or vPvB criteria under Regulation (EC) No 1907/2006.**Other Adverse Effects:** Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Disposal should be subject to federal, state and local laws.

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 User: None

Transport in Bulk according to Annex II of MARPOL 73/78 and IBC Code: Not applicable

SECTION 15 REGULATORY INFORMATION

US Information:

SARA Title III, 313:

Chemical Name:	Wt%:
<u>None</u>	

California Proposition 65:

Chemical Name:	Wt%:
<u>None</u>	

EU Information:

Safety, Health and Environmental Regulations/Legislation:

(EC) No 1907/2006:	Authorisation:	<u>Not regulated</u>
	Restriction:	<u>Not regulated</u>
(EC) No 1005/2009:		<u>Not regulated</u>
(EC) No 850/2004:		<u>Not regulated</u>
(EC) No 689/2008:		<u>Not regulated</u>
Others:		<u>None</u>

Chemical Safety Assessment under (EC) No 1907/2006:

Not required

Canada Information

WHMIS Controlled Product: Not applicable (Manufactured article)

Australia Information

Statement of Hazardous Nature: This product will not be shipped to Australia.

SECTION 16 OTHER INFORMATION

Other Information: <R phrase list>
R22: Harmful if swallowed.

< EU Hazard statement according to (EC) No 1272/2008>
H302: Harmful if swallowed.

<Revised information from the previous version>
Entirely revised

<Term explanation>
Estimate: Estimate based on data of similar ink or the ingredient(s).

Annex: None

Date of Issue: July 20, 2011

Revision Date: _____

Literature Reference:

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- U.S. Department of Labor, 29CFR Part 1910
 - U.S. Environmental Protection Agency, 40CFR Part 372
 - U.S. Consumer Product Safety Commission, 16CFR Part 1500
 - ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
 - U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
 - World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
 - DFG, List of MAK and BAT Values
 - EU Directive 1999/45/EC
 - EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EC) No 689/2008
 - Canada Workplace Hazardous Materials Information System
 - Australia National Occupational Health and Safety Commission's Approved Criteria for Classifying Hazardous Substance [NOHSC:1008]
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Abbreviations:

OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)

FHSA: Federal Hazardous Substances Act (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

SVHC: Substances of Very High Concern

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program (USA)

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

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

DFG MAK: MAK(Maximale Arbeitsplatz-Konzentration) under Deutsche Forschungsgemeinschaft

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

WHMIS: Workplace Hazardous Materials Information System

NOHSC: National Occupational Health and Safety Commission