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Version : 05

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

1.1. Product Identifier

Product name Canon FINE Cartridge CL-41
Product Code(s) 0617B

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 | 1 - 10 | None | None | None |
| Ethylene glycol | 107-21-1 | 203-473-3 | None | 5 - 10 | Xn; R22 | Xn - Harmful | Acute Tox. 4 (H302) |
| Diethylene glycol | 111-46-6 | 203-872-2 | None | 5 - 10 | Xn; R22 | Xn - Harmful | Acute Tox. 4 (H302) |
| Substituted phthalocyanine salt | CBI | CBI | CBI | 5 - 10 | Xi; R41 R52-53 | Xi - Irritant | Eye Dam. 1 (H318) Aquatic Chronic 3 (H412) |
| Ethylene urea | 120-93-4 | 204-436-4 | None | 1 - 5 | Xi; R36 | Xi - Irritant | Eye Irrit. 2 (H319) |
| Lactam | CBI | CBI | None | 1 - 10 | None | None | None |
| Magenta dye | 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 (CO₂), 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/m ³ | None | None |
| Ethylene glycol 107-21-1 | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ | TWA: 10 ppm TWA: 26 mg/m ³ STEL: 20 ppm STEL: 52 mg/m ³ | None | TWA: 52.0 mg/m ³ STEL: 104.0 mg/m ³ | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ |
| Diethylene glycol 111-46-6 | None | TWA: 10 ppm TWA: 44 mg/m ³ STEL: 40 ppm STEL: 176 mg/m ³ | None | TWA: 10.0 mg/m ³ | None |
| Chemical name | Czech Republic | Denmark | Finland | France | Germany |
| Glycerin 56-81-5 | TWA: 10 mg/m ³ Ceiling: 15 mg/m ³ | None | TWA: 20 mg/m ³ | TWA: 10 mg/m ³ | DFG TWA: 50 mg/m ³ inhalable fraction Ceiling / Peak: 100 mg/m ³ inhalable fraction |
| Ethylene glycol 107-21-1 | TWA: 50 mg/m ³ Ceiling: 100 mg/m ³ | TWA: 10 ppm TWA: 26 mg/m ³ TWA: 10 mg/m ³ | TWA: 20 ppm TWA: 50 mg/m ³ STEL: 40 ppm STEL: 100 mg/m ³ | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ | TRGS TWA: 10 ppm TRGS TWA: 26 mg/m ³ DFG TWA: 10 ppm DFG TWA: 26 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 52 mg/m ³ |
| Diethylene glycol 111-46-6 | None | TWA: 2.5 ppm TWA: 11 mg/m ³ | None | None | TRGS TWA: 10 ppm TRGS TWA: 44 mg/m ³ DFG TWA: 10 ppm DFG TWA: 44 mg/m ³ Ceiling / Peak: 40 ppm Ceiling / Peak: 176 mg/m ³ |
| Chemical name | Greece | Hungary | Ireland | Italy | Netherlands |
| Glycerin 56-81-5 | TWA: 10 mg/m ³ | None | TWA: 10 mg/m ³ mist | None | None |
| Ethylene glycol 107-21-1 | None | TWA: 52 mg/m ³ STEL: 104 mg/m ³ | TWA: 10 mg/m ³ particulate | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ | TWA: 10 mg/m ³ STEL: 104 mg/m ³ |

| | | | | | |
|-------------------------------|--|---|--|---|---|
| Diethylene glycol 111-46-6 | None | None | TWA: 23 ppm TWA: 100 mg/m ³ | None | None |
| Chemical name | Poland | Portugal | Romania | Slovakia | Spain |
| Glycerin 56-81-5 | TWA: 10 mg/m ³ aerosol | TWA: 10 mg/m ³ mist | None | None | TWA: 10 mg/m ³ mist |
| Ethylene glycol 107-21-1 | TWA: 15 mg/m ³ STEL: 50 mg/m ³ | Ceiling: 100 mg/m ³ | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ | TWA: 20 ppm TWA: 52 mg/m ³ | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ |
| Diethylene glycol 111-46-6 | TWA: 10 mg/m ³ aerosol | None | TWA: 115 ppm TWA: 500 mg/m ³ STEL: 184 ppm STEL: 800 mg/m ³ | TWA: 10 ppm TWA: 44 mg/m ³ | None |
| Chemical name | Sweden | United Kingdom | Norway | Switzerland | Turkey |
| Glycerin 56-81-5 | None | TWA: 10 mg/m ³ mist | None | TWA: 50 mg/m ³ inhalable STEL: 100 mg/m ³ inhalable | None |
| Ethylene glycol 107-21-1 | TLV: 10 ppm aerosol and vapor TLV: 25 mg/m ³ aerosol and vapor STEL: 20 ppm aerosol and vapor STEL: 50 mg/m ³ aerosol and vapor | TWA: 10 mg/m ³ particulate | TWA: 10 mg/m ³ dust STEL: 20 mg/m ³ dust Ceiling: 25 ppm | TWA: 10 ppm TWA: 26 mg/m ³ STEL: 20 ppm STEL: 52 mg/m ³ | TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ |
| Diethylene glycol 111-46-6 | TLV: 10 ppm TLV: 45 mg/m ³ STEL: 20 ppm STEL: 90 mg/m ³ | TWA: 23 ppm TWA: 101 mg/m ³ | None | TWA: 10 ppm TWA: 44 mg/m ³ STEL: 40 ppm STEL: 176 mg/m ³ | 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, Magenta, Yellow ; Liquid |
| Odor | Slight odor |
| Odor threshold | No data available |
| pH | 7 - 10 |
| 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 (CO₂), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|---|
| Acute toxicity | Cyan and Magenta: No data available Yellow: LD50 > 2000 mg/kg (Ingestion) (Estimate) (OECD Guideline) |
| Skin corrosion/irritation | Cyan and Magenta: Mild irritant (Estimate) (OECD Guideline) Yellow: Non-irritant (Estimate) (OECD Guideline) |
| Serious eye damage/eye irritation | Cyan and Yellow: Non-irritant (Estimate) (OECD Guideline) Magenta: Mild irritant (Estimate) (OECD Guideline) |
| Sensitization | All colors: Non-sensitizer (Estimate) (OECD Guideline) |

| | |
|---------------------------------|------------------------------------|
| Germ cell mutagenicity | Ames test: All colors: 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

| | |
|---|------|
| <u>14.1. UN number</u> | None |
| <u>14.2. UN Proper Shipping Name</u> | None |
| <u>14.3. Transport Hazard Class</u> | None |
| <u>14.4. Packing Group</u> | 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
R36 - Irritating to eyes
R41 - Risk of serious damage to eyes

Risk Combination Phrases

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H412 - Harmful to aquatic life with long lasting effects

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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Revision Note Entirely revised

This product falls under (EC) No 1907/2006 Article 31-3.

Disclaimer

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