

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill Canon CLI-8 BK reman cartridge

Distributed by: Office Depot Europe B.V., the Netherlands

Supplier: Environmental Business Products Ltd.
Address: 26 Chase Road, Park Royal, London, NW10 6BB
Information: stephanie.lawes@ebpgroup.com 44 (0) 20 8838 6888

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture



GHS07

Eye Irrit 2A, H319 Causes serious eye irritation
Skin Sens 1, H317 May cause an allergic reaction

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Information concerning particular hazards for humans and environment:

No significant hazard

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification Guideline for Preparations of the EU" in the latest valid version.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

Label elements

Labelling according to EU guidelines:

The product has been classified and marked in accordance with national laws.

Observe the general safety regulations when handling chemicals.

Special labeling of certain preparations:

Safety data sheet available for professional user on request.

Other hazards

Results of PBT and vPvB assessment

- PBT: not applicable
- vPvB: not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Name	Cas No	Content	Classification	CLP Classification
Glycerol	56-81-5	10-25%		
2-pyrrolidone	616-45-5	5-10%	Xi R36	Eye Irrit 2A, H319
Propan-1-ol	71-23-8	<1%	Xi R41 R67 F R11	Flam Liq 2, H225 Eye Dam 1, H318 STOT SE 3, H336
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.1%	Xn R22 Xi R38-41-43	Eye Dam 1, H318 Acute Tox 4, H302

N R50

Skin Irrit 2, H315
Skin Sens 1, H317

The full text for all R-phrases are displayed in Section 16

4. FIRST AID MEASURES

General Information: in all cases of doubt, when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Skin contact: Do not use solvents or thinners. Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing.

Eye contact: Flush eyes thoroughly with water for 15 minutes. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Immediately call for medical help.

Inhalation: supply fresh air.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Co2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing agents: water with full jet

Special hazards arising from the substance or mixture: formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters:

Protective equipment: mount respiratory protective device.

Additional information: cool endangered receptacles with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation.

Environmental precautions: Do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

Clean-up procedures: absorb with liquid-binding material (sand, diatomite, sawdust). Send for recovery or disposal in suitable containers. Dispose contaminated material as waste according to item 13. Avoid use of solvents.

7. HANDLING AND STORAGE

Precautions for safe handling: no special precautions are necessary if used correctly.

Requirements to be met by storerooms and containers:

Store in a cool location

Ideal storage temperature: 50-90°F

Further information about storage conditions:

Store in cool dry conditions in well-sealed containers

Protect from heat and direct sunlight

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace:

56-81-5 Glycerol

PEL Long-term value 15* 5** mg/m³

*total dust **respirable fraction

TLV TLV withdrawn-insufficient data human occup.exp

71-23-8 Propan-1-ol

PEL Long-term value: 500 mg/m³, 200ppm

REL Short-term value: 625 mg/m³, 250ppm

Long-term value: 500 mg/m³, 200ppm

Skin

TLV Long-term value: 246 mg/m³, 100ppm

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Avoid close or long term contact with the skin

Clean skin thoroughly immediately after handling the product

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work

Do not eat or drink while working.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance: liquid

Colour: black

Odour: slight

Solubility in water: Miscible

Change in condition

Melting point/melting range: undetermined

Boiling point/boiling range: 90°C

Flash point: >100 °C

Ignition temperature: >200 °C

Danger of explosion: product does not present an explosion hazard

pH value: 8.3

Density: 1g/cm³

Viscosity: 3mPas

10. STABILITY AND REACTIVITY

Reactivity: stable under normal conditions

Chemical stability: stable under normal conditions

Possibility of hazardous reactions: no dangerous reactions known if used according to specifications.

Conditions to avoid: No further relevant information available.

Incompatible materials: strong oxidizers

Haz. decomp. Products: in case of fire, carbon and nitrogen oxides are the main combusting gases.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Sensitization: possible through skin contact

Additional toxicological information: the product shows the following dangers according to internally approved calculation methods for preparations, Irritant.

There is no experimentally determined data available on the preparation itself.

The product is considered to be an eye irritant.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: no further relevant information available

Persistence and degradability: no further relevant information available

Behavior in environmental systems:

Bio accumulative potential: no further relevant information available

Mobility in soil: no further relevant information available

Additional ecological information:

General notes: at the present there are no Ecotoxicological assessments. Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

Other adverse effects: no further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation: waste material must be disposed of in accordance with local and national regulations.

Empty contaminated packagings

14. TRANSPORT INFORMATION

UN- Number

DOT, ADR, AND, IMDG, IATA: none

UN proper shipping name

DOT, ADR, AND, IMDG IATA: none

Transport hazard class (es)

DOT, ADR, AND, IMDG IATA: none

Packing group

DOT, ADR, IMDG IATA: none

Environmental hazards

Marine pollutant: no

No special precautions required for user

Transport in bulk according to Annex II of MARPOL3/78 and the IBC code: not applicable

Transport/additional information: not dangerous according to the above specifications.

UN "model regulations": -

15. REGULATORY INFORMATION

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

SARA

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (specific toxic chemical listings)

None of the ingredients are listed.

TSCA (Toxic Substances Control Act)

All components are included in the TSCA inventory and/or comply with TSCA regulations.

Chemicals known to cause cancer

None of the ingredients are listed.

Carcinogenic categories

The product does not contain any carcinogenic substances according to OSHA criterias.

16. OTHER INFORMATION

Risk phrases in full

H225 Highly flammable liquid and vapour

H302 harmful if swallowed

H315 causes skin irritation

H317 may cause an allergic skin reaction

H318 causes serious eye damage
H319 causes serious eye irritation
H336 may cause drowsiness

R11 highly flammable
R22 harmful if swallowed
R36 irritating to eyes
R38 irritating to skin
R41 risk of serious damage to eyes
R43 may cause sensitisation by skin contact
R50 very toxic to aquatic organisms
R67 vapours may cause drowsiness and dizziness

The information contained in this safety data sheet is provided in accordance with the requirements of the regulations. The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should be treated in such a way so as no ink spills into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the end user to comply with all applicable laws and regulations.

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