

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill CL41 CL Canon reman cartridge

Supplier: Supplies Team

Address: Sheffield Airport Business Park, Europa Link, Sheffield, S9 1 XU

Information Phone: 0114 256 6000

2. HAZARDS IDENTIFICATION



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Information concerning particular hazards for humans and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for the preparations of the EU" in the latest valid version.

No hazards to be particularly mentioned.

The product is considered an eye irritant per OSHA.

Classification system:

The classification is according to the latest of the EU-lists, and extended by company and literature data.

Label elements

Labelling according to EU guidelines:

The product is considered to be an eye irritant.

The product has not been classified and marked in accordance with respective national laws.

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

CAS	EINECS	Name	Content %	Classification	CLP Classification
126-30-7		2,2-dimethylpropane-1,3-diol	5-10%	Xi R37-41	Eye Dam. 1, H318; STOT SE 3, H335
616-45-5		2-pyrrolidone	10-25%	Xi R36	Eye Irrit. 2A, H319
56-81-5		glycerol	10-25%		
2634-33-5		1,2-benzisothiazol-3 (2H)-one	< 0.1%	Xn R22;	Eye Dam. 1, H318;



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				Xi R38-41-43; N R50	Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317
12222-04-07		di(tetramethylammonium)(29H, 31H-phthalocyanin-N29,N30,N3,N32) disulfonamidedisulfonate, cuprate(2-)complex, derivatives	2.5-5%	Xn R22-48/22 N R51/53	STOT RE 2, H373 Acute Tox. 4, H302

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

4. FIRST AID MEASURES

Description of first aid measures

No special measures required. 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. Remove contaminated clothing. Immediately wash with water and soap and rinse thoroughly.

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

Ingestion: Keep at rest. Do not induce vomiting; call for medical help immediately.

Inhalation: Supply fresh air.

No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing agents:

CO₂, 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 fire fighters

Protective equipment: Mount respiratory protective device.

Additional information: collect contaminated firefighting water separately. It must not enter the sewage system.

Cool endangered receptacles with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: 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

Handling

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

Information about fire – and explosion protection: no special measures required.

Conditions for safe storage, including any incompatibilities.

Storage:

Storage conditions: Store in cool location. Ideal storage temperature: 50-90 °F. Use only containers specifically designed for this substance/product.

Further information about storage conditions: store in cool, dry conditions in well sealed containers. Protect from heat and direct sunlight.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

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

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

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.

Respiratory protection: Not required.

Protection of hands: Protective gloves

Eye protection: Safety glasses

Body protection: Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance:

Form/State: Fluid

Colour: Magenta, Yellow and Cyan

Odour: Characteristic

Solubility in water: Miscible

pH value at 20°C: 9.4

Change in condition

Melting point/melting range: undetermined

Boiling point/boiling range: 100 °C (212 °F)

Flash point: > 150 °C (>302 °F)

Ignition temperature: >200 °C (>392 °F)

Auto igniting: not determined

Danger of explosion: product does not present an explosion hazard.

Explosion limits: Lower: not applicable - Upper: not applicable

Vapor pressure at 20 °C (68 °F): 23hPa (17 mm Hg)

Density at 20 °C (68 °F): 1 g/cm³ (8.345 lbs/gal)

Viscosity at 20 °C (68 °F): 3 mPas

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability:

Thermal decomposition/conditions to be avoided: stable under recommended storage and handling 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 combustion gases.



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11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

On the eye: irritating effect

Sensitization: sensitization possible through skin contact.

Additional toxicological information: the product shows the following dangers according to the calculation method for Preparations as issued in the latest version: Irritant

General notes: 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 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

Disposal operations: Dispose of in accordance with all local and national regulations.

Disposal of packaging: Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning. Packaging that may not be cleaned are to be disposed of in the same manner as the product.

14. TRANSPORT INFORMATION

UN- number:

DOT, ADR, ADN, IMDG, IATA: None

UN proper shipping name:

DOT, ADR, ADN, IMDG, IATA: None

Transport hazard class:

DOT, ADR, ADN, IMDG, IATA:None

Packing group:

DOT,ADR, IMDG, IATA: None

Marine pollutant: No

Special precautions for user: Not applicable

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

15. REGULATORY INFORMATION

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

Product related hazard information:

The product is considered to be an eye irritant

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



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Observe the general safety regulations when handling chemicals
The product has been marked in accordance with national laws

16. OTHER INFORMATION

Relevant phrases

- 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
- H335 May cause respiratory irritation

- R22 Harmful if swallowed
- R36 Irritating to eyes
- R37 Irritating to respiratory system
- R38 Irritating to skin
- R41 Risk of serious damage to eyes
- R43 May cause sensitization by skin contact
- R50 Very toxic to aquatic organisms

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.

Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.