

REVISION DATE :2021/09/24 SDS No.:GLOI00CU-00

Section 1: Identification

Product identifier

PRODUCT NAME COMCOLOR GL INK CARTRIDGE CYAN / R CYAN

ITEM CODE: S-8447UA / S-8447UAR

Recommended use of the chemical and restrictions on use;

RELEVANT IDENTIFIED USES: INK for InkJet Printer (COMCOLOR GL Series)

Company identification

MANUFACTURER: RISO KAGAKU CORPORATION

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Section 2: Hazards identification

Classification of the chemical in accordance with 29 CFR 1910.1200(d):

Not classified

Label elements

HAZARD PICTOGRAMS: Not required SIGNAL WORD: Not required.

HAZARD STATEMENTS: Not required PRECAUTIONARY STATEMENTS: Not required Hazards not otherwise classified (HNOC):

Not classified

Section 3: Composition/information on ingredients

Mixtures:

Chemical name	CAS No.	wt%
Petroleum solvent	64742-46-7	15-40
Pigment	Trade secret	3-10
Fatty acid ester	Trade secret	Trade secret
Higher alcohol	Trade secret	Trade secret

Section 4: First-aid measures

Description of first aid measures

INHALATION: If you feel unwell, move from the contamination immediately to fresh air and seek

medical advice.

EYE CONTACT: In case of contact with eyes, rinse immediately with plenty of water and seek medical

advice.

SKIN CONTACT: After contact with skin, wash immediately with plenty of water using a mild soap.

INGESTION: If swallowed, do not induce vomiting and seek medical advice.

Most important symptoms/effects, acute and delayed:

No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.



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Section 5 : Fire-fighting measures

Extinguishing media: Potassium carbonate mist, CO₂, foam, dry chemical powder, dry sand

Special hazards arising from the substance or mixture:

Fire could cause thick and black smoke.

Toxic products, CO and CO₂, could be formed by thermal decomposition.

Advice for fire-fighters: This ink does not act as a source of ignition, but might burn if exposed to a fire.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ventilate the area until material is completely picked up.

Environmental precautions: Do not empty into the drains. Methods and material for containment and cleaning up:

Shovel up, then wipe up with cloth or paper.

Section 7: Handling and storage

Precautions for safe handling:

Use only in the well-ventilated areas.

Avoid contact with skin. Use only with cartridge.

Conditions for safe storage, including any incompatibilities:

Store at 5 - 35 °C and protect from sunlight Keep the ink out of reach of children.

Only original cartridge.

Section 8 : Exposure controls/personal protection

Control parameters:

OCCUPATIONAL EXPOSURE GUIDELINES:

	CAS No.	OSHA PEL	ACGIH TLV	
Petroleum solvent	64742-46-7	5 mg/m ³ *1	5 mg/m ³ *1	

*1 : as mineral oil (CAS No.8012-95-1) mists

Appropriate engineering controls:

Good general ventilation should be sufficient for most conditions.

Individual protection measures, such as protective equipment:

RESPIRATORY PROTECTION : Not normally required

HAND PROTECTION: Recommend the use of gloves in case of contact with skin.

EYE PROTECTION: Not normally required SKIN AND BODY PROTECTION: Not normally required

Section 9: Physical and chemical properties

Physical state: Blue liquid

Odor: Slight characteristic odor

pH: Not applicable

Melting point/freezing point: < 0 °C

Boiling point: > 200 °C

Flash point: > 120 °C (Cleveland Open-cup)

Evaporation rate: No data available
Flammability (solid, gas): Not applicable
Upper/lower flammability: No data available



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Vapor pressure: No data available
Vapor density: No data available

Density: 0.84-0.90 g/cm³ (23 °C)
Solubility: WATER SOLUBILITY: Insoluble

Partition coefficient: No data available

Auto-ignition temperature: > 200 °C

Decomposition temperature: No data available Viscosity: No data available

Section 10: Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions:

No data available

Conditions to avoid: Avoid direct sunlight, high temperatures, open flame. Incompatible materials: Halogens, strong acid, alkalis, oxidizing agents

Hazardous decomposition products:

Thermal decomposition Products: CO, CO₂. No decomposition if used for the intended uses.

Section 11: Toxicological information

Information on toxicological effects

ACUTE ORAL TOXICITY

ACUTE SKIN IRRITATION:

ACUTE EYE IRRITATION:

May cause slight irritation.*

Mutagenicity:

Megative in the Ames test

CARCINOGENICITY: None of the other ingredients in this product are listed by IARC, NTP, MAK, OSHA or

ACGIH as a carcinogen. None of the other ingredients have been classified as

carcinogens according to EU, IARC, MAK, NTP or OSHA.

*These information are based on toxicity data for similar materials and ingredients.

Section 12: Ecological information

Ecotoxicity:

TOXICITY TO FISH: Oryzias latipes LC_{50} -96h > 100mg/L* AQUATIC INVERTEBRATES: Daphnia magna EC_{50} -48h > 100mg/L* AQUATIC PLANTS: Algae ErC_{50} -72h > 100mg/L*

Persistence and degradability:

No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Other adverse effects: No information available.

*These information are based on toxicity data for similar materials and ingredients.

Section 13: Disposal considerations

Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable

regulations. Any disposal practice must be in compliance with local, state and federal laws

and regulations.



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Section 14: Transport information

UN number: Not regulated UN proper shipping name: Not regulated

Transport hazard class(es): Not regulated (DOT, IMDG, IATA)

Packing group: Not regulated Environmental hazards: Not regulated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not regulated

Section 15: Regulatory information

US Major regulation:

TSCA (Toxic Substance Control Act):

All chemical substances in these products are listed or exempted in TSCA chemical

substance inventory.

Clean Air Act Section 112 Hazardous Air Pollutants(HAPs):

Not listed

SARA Section 313 (40 CFR 372.65):

Not listed

CERCLA (40 CFR 302.4): Not listed

Component Analysis - State: The following components appear on one or more of the following state hazardous

substances lists.

Chemical name	CAS No.	Concentration	CA	MA	MN	NJ	NY	PA	RI
Petroleum solvent	64742-46-7	15-40%	Yes	No	No	No	No	No	No

Section 16: Other information, including data of preparation or last revision

 Issue date:
 2021/09/24

 Revision date:
 2021/09/24

 SDS No.(Version No):
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The information herein is given in good faith, but no warranty, express or implies, is made.

Please consult RISO, INC. for further information.