

**Section 1 : Identification**

Product identifier

PRODUCT NAME                                    COMCOLOR GL INK CARTRIDGE (E) YELLOW / YELLOW / R YELLOW  
ITEM CODE:                                         S-8449E / S-8449UA / S-8449RS / S-8449UAR

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  
5-34-7 Shiba, Minato-ku, Tokyo, 108-8385, JAPAN  
TEL: 81 (3) 5441-6611

SUPPLIER:

**Section 2 : Hazards identification**

GHS Classification :                             Not classified

GHS Label elements

HAZARD PICTOGRAMS:                         Not required  
SIGNAL WORD:                                     Not required.  
HAZARD STATEMENTS:                         Not required  
PRECAUTIONARY STATEMENTS:               Not required

**Section 3 : Composition/information on ingredients**

Mixtures:

Chemical name	CAS No.	wt%
Petroleum solvent	64742-46-7	30-50
Pigment	Trade secret	0-10
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.

**Section 5 : Fire-fighting measures**

Extinguishing media: Potassium carbonate mist, CO<sub>2</sub>, 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 CO<sub>2</sub>, 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 <sup>3</sup> *1	5 mg/m <sup>3</sup> *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: Yellow 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  
 Vapor pressure: No data available  
 Vapor density: No data available  
 Density: 0.83-0.90 g/cm<sup>3</sup> (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, CO <sub>2</sub> . No decomposition if used for the intended uses.

**Section 11 : Toxicological information**

Information on toxicological effects

ACUTE ORAL TOXICITY	LD50 > 2000mg/kg (rat) *
ACUTE SKIN IRRITATION:	May cause slight irritation.*
ACUTE EYE IRRITATION:	May cause slight irritation.*
MUTAGENICITY:	Negative 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 <sub>50</sub> -96h > 100mg/L*
AQUATIC INVERTEBRATES:	Daphnia magna	EC <sub>50</sub> -48h > 100mg/L*
AQUATIC PLANTS:	Algae	ErC <sub>50</sub> -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.
--------------------------	--

**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**

## Japanese Existing and New Chemical Substances (ENCS)

All chemical substances in these products are listed on the ENCS list, have been registered, or are exempt.

## Toxic Substances Control Act Chemical Substance Inventory (TSCA Inventory)

All chemical substances in these products are listed on the TSCA chemical substance inventory, have been registered, or are exempt.

## Australian Inventory of Chemical Substances List (AICS)

All chemical substances in these products are listed on the AICS list, have been registered, or are exempt.

**Section 16 : Other information**

Issue date: 2021/09/24  
Revision date: 2021/09/24  
SDS No.(Version No): GLOI00YG-00

The information herein is given in good faith, but no warranty, express or implies, is made.  
Please consult RISO KAGAKU CORPORATION. for further information.