

Safety Data Sheet (ISO form)

Date Prepared 11/09/2006

1.Product and Company Identification

Product Name RICOH Print Cartridge GC21M

Company Name : Ricoh Company, Ltd.

Department :

Address :

Telephone Number :

Emergency Telephone Number :

Telefax Number :

2.Composition/Information on Ingredients

Substance or Preparation

Preparation

Chemical Nature

Ingredients	CAS.No.	Contents(%)
Organic Pigment	Confidential	<10
Glycol	Confidential	20-30
Glycerin	56-81-5	<10
Water	7732-18-5	45-75

3.Hazards Identification (Most Important Hazard)

Adverse Human Health Effects

Not applicable in normal use.

Carcinogenicity

This product does not contain the carcinogenic substances which are listed in NTP , IARC and are regulated by OSHA.

Environmental Effects

not available

Physical and Chemical Hazards

Not applicable in normal use.

The Classification of The Chemical Product

Not applicable

4.First-Aid Measures

Inhalation

[Not applicable.](#)

Skin Contact

[After contact with skin, wash immediately with soap and water.](#)

Eye Contact

[In case of contact with eyes, rinse immediately with plenty of water and consult a doctor.](#)

Ingestion

[If swallowed, drink high-density salt solution to induce vomiting and consult a doctor.](#)

5.Fire-Fighting Measures

Extinguishing Media

[No special fire protecting agent is required.](#)

Specific Method

[No special fire protecting method is required.](#)

6.Accidental Release Measures

Personal Precautions

[Remove contaminated clothing and launder or dry-clean before wearing.](#)

Environment Precautions

[Keep product out of sewers and watercourses.](#)

Methods for Cleaning Up

[If spilled, wipe up with paper or cloth.](#)

7.Handling and Storage

Handling(technical measures,precautions,safe handling material)

[Keep out of reach of children.](#)

Storage(technical measures,storage conditions,packaging material)

[Store inside warehouse to avoid direct sun.](#)

[Avoid storage above 35 degrees centigrade or storage in direct sunlight.](#)

8.Exposure Controls/Personal Protection

Respiratory Protections

[None required under normal conditions of use.](#)

Hand Protection

[Use vinyl or rubber gloves if necessary.](#)

Eye Protection

[None required under normal conditions of use.](#)

Skin and Body Protection

[None required under normal conditions of use.](#)

9.Physical and Chemical Properties

Appearance

Form : [liquid](#)

Color : [magenta](#)

Odour : [not odor](#)

Information

pH : [8-10](#) Measuring Temp.(degrees centigrade) : [25](#)

Boiling Point(degrees centigrade) : [not available](#)

Flash Point(degrees centigrade) : [not applicable](#)

Explosion Properties(degrees centigrade) : [This product is considered a nonexplosive material under normal use condition.](#)

Vapor Pressure(Pa) : [not available](#) Measuring Temp.(degrees centigrade): -

Vapor Density(AIR=1) : [not available](#)

Density (g/cm³) : [1.06](#) Measuring Temp.(degrees centigrade): [23](#)

Solubility

Water Solubility(g/L) : [soluble](#)

Water Solubility Measuring Temp.(degrees centigrade) : [25](#)

Other Solvent name : [not available](#)

Other Solvent Solubility(g/L) : [-](#)

Other Solvent Solubility Measuring Temp.(degrees centigrade) : [-](#)

Octanol/Water Partition Coefficient

[not known](#)

10.Stability and Reactivity

Conditions to Avoid

[Not applicable in normal use.](#)

Materials to Avoid

[Not applicable in normal use.](#)

Hazardous Decomposition Products

[Decomposition product will not occur](#)

11.Toxicological Information

Acute Toxicity

Acute Oral Toxicity (LD50)

: 5000mg/kg or over (Rat) (Based on other Ricoh products test results of similar ingredients.)

Acute Dermal Toxicity

: not available

Acute Inhalation Toxicity

: not available

Sensitization

Local effects

Acute Skin Irritation(PII) : 1.0 or below (Based on other Ricoh products test results of similar ingredients.)

Acute Eye Irritation : not available

Sensitization

Acute Allergenic Effects : 0%(Based on other Ricoh products test results of similar ingredients.)

Specific Effects

Carcinogenicity :

No data is available on this product.

Mutagenicity : negative(Based on other Ricoh products test results of similar ingredients.)

Effects on The Reproductive System : None of ingredients is substance on hazardous characteristics list of reproductive toxicity.

Teratogenic : Not available.

12.Ecological Information

Persistence/Degradability : not known

Bioaccumulation

Not known in bioaccumulation.

Ecotoxicity

Acute Toxicity for Fish (LD50) : not available (mg/kg/96hr)

Acute Toxicity for Daphnia (EC50) : not available (mg/kg/48hr)

Algae Inhibition Test (IC50) : not available (mg/kg/72hr)

13.Disposal Consideration

Recommended Methods for Safe Environmentally Preferred Disposal

(waste from residues/contaminated packaging)

Used product should be disposed of in an environmentally appropriate manner.

14.Transport Information

International Regulations

Land Transport

RID/ADR : [not applicable](#)

DOT 49 CFR : [not applicable](#)

ADNR : [not applicable](#)

Sea Transport

IMDG Code : [not applicable](#)

Air Transport

ICAO-TI/IATA-DGR : [not applicable](#)

The UN Classification Number: [not applicable](#)

Specific Precautionary Transport Measures

[Avoid direct sunlight.; Do not keep this over 35 degrees centigrade.](#)

Specific Materials to Avoid

[None in normal use.](#)

15.Regulation Information

Regulations

[Not known](#)

16.Other Information

not known

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