RICOH

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification
Product Name: Print Cartridge Yellow MP C1500A
Product Number: 888524
Chemical Name: mixture
CAS Number: 0-00-0

Company Identification
Ricoh Corporation
5 Dedrick Place
West Caldwell, NJ   07006   USA
1-973-882-2000 or 1-973-882-5218 (For product information)
1-800-336-6737 (For emergencies)

GENERAL USE:
Aficio 615C.

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
ORGANIC PIGMENT	< 10.0 %	Confidential
GLYCOL	< 30.0 %	Confidential
GLYCERIN	< 10.0 %	56-81-5
WATER	50.0 - 90.0 %	7732-18-5

EXPOSURE GUIDELINES:
   Glycerin
      OSHA PEL: 15 (as mist) mg/m^3
      ACGIH TWA: 10 (as mist) mg/m^3

3. HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTES:
Inhalation, skin, ingestion.

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

MEDICAL CONDITION AGGRAVATED BY LONG-TERM EXPOSURE:
Not available.

CHRONIC EFFECTS:

No data is available on this product.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:
When ink goes into an eye, please wash with running water promptly. Please consult with a doctor, when abnormal.

SKIN CONTACT FIRST AID:
When ink is attached to the skin, please wash away with water or soapsuds immediately.

INHALATION FIRST AID:
Not applicable.

INGESTION FIRST AID:
When ink is swallowed, please let me give and breath out a deep salt solution, and consult with a doctor.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
COC Flash Point: N/A
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR
LEL: N/A
UEL: N/A

BURNING RATE:
Not applicable.

EXTINGUISHING MEDIA:
No special fire protecting agent is required.

FIRE FIGHTING INSTRUCTIONS:
No special fire protecting method is required.

6. ACCIDENTAL RELEASE MEASURES

SPILL / LEAK PROCEDURES:
If spilled, wipe up with paper or cloth.

MISCELLANEOUS:
Remove contaminated clothing and launder or dry-clean before wearing. Keep product out of sewers and watercourses.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:
Keep out of reach of children.

STORAGE REQUIREMENTS:
Store inside warehouse to avoid direct sun. Avoid storage above 35 degrees centigrade.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION:
None needed under normal use condition.

RESPIRATORY PROTECTION:
None required under normal conditions of use.

PROTECTIVE CLOTHING / EQUIPMENT:
None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	Yellow
ODOR:	Not odor
BOILING POINT:	Not available C
VAPOR PRESSURE:	Not available psia
VAPOR DENSITY:	Not available (Air = 1)
SOLUBILITY IN WATER:	Soluble
MELTING/FREEZING POINT:	Not applicable C
PH:	8-10

10. STABILITY AND REACTIVITY

POLYMERIZATION:
None.

CONDITIONS TO AVOID:
Not applicable in normal use.

HAZARDOUS DECOMPOSITION PRODUCTS:
will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS:
>5000mg/kg (Rat).

CARCINOGENICITY:
No data is available on this product.

MUTAGENICITY:
Negative (Ames test).

TERATOGENICITY:
Not available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DEGRADATION:
Not known.

MISCELLANEOUS:
Not known in bioaccumulation.

13. DISPOSAL CONSIDERATIONS

DISPOSAL:
Used product should be disposed of in environmentally appropriate manner.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Print Cartridge Yellow MP C1500A

MISCELLANEOUS:
Avoid direct sunlight. Do not keep this over 35 degrees centigrade.

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMIS Rating:
Health - 1
Flammability - 0
Reactivity - 0

APPROVED BY: David Huelbig
TITLE: Safety Engineer
APPROVAL DATE: July 17, 2006
SUPERCEDES DATE: New
RTN NUMBER: 00003438 (Official Copy)

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