

FUJI XEROX CO., LTD -- 5R588, CYAN DEVELOPER -- 6850-01-462-0096

===== Product Identification =====

Product ID:5R588, CYAN DEVELOPER

MSDS Date:02/16/2001

FSC:6850

NIIN:01-462-0096

Status Code:A

MSDS Number: CLFXQ

=== Responsible Party ===

Company Name:FUJI XEROX CO., LTD

Address:1600 TAKEMATSU, MINAMISHIGARA-SHI

City:KANAGAWA-KEN, 250-01

Country:JA

Info Phone Num:800-828-6571

Emergency Phone Num:(

800)424-9300

Resp. Party Other MSDS Num.:B-0292

Chemtec Ind/Phone:(800)424-9300

CAGE:TO211

=== Contractor Identification ===

Company Name:FUJI XEROX CO., LTD

Address:1600 TAKEMATSU, MINAMISHIGARA-SHI

Box:City:KANAGAWA-KEN, 250-01

Country:JA

Phone:800-828-6571

CAGE:TO211

Company Name:PLUM RESOURCES

Address:455 STATE PKY

Box:City:SCHAUMBURG

State:IL

ZIP:60173

Country:US

Phone:800-851-7586

Contract Num:SP0450-01-M-ZD76

CAGE:1GRP8

Company Name:XEROX CORPORATION

Address:100 CLINTON AVE SOUTH

Box:Cit

y:ROCHESTER
State:NY
ZIP:14644-1877
Country:US
Phone:800-828-6571/716-422-2177
CAGE:26921

=====
Composition/Information on Ingredients
=====

Ingred Name:CU-ZN FERRITE POWDER
CAS:66402-68-4
> Wt:86.

Ingred Name:POLYESTER
CAS:128781-91-9
> Wt:4.5

Ingred Name:BLUE PIGMENT
CAS:147-14-8
RTECS #:GL8510000
Minumum % Wt:.2
Maxumum % Wt:.4

=====
Hazards Identification
=====

LD50 LC50 Mixture:ORAL LD50 >5 G/KG (RATS)
Reports of Carcinogenicit
y:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MINIMAL RESPIRATORY TRACT IRRITATION
MAY OCCUR AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST.
Explanation of Carcinogenicity:CARCINOGENS: NONE PRESENT.
Effects of Overexposure:MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR
AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST.
Medical Cond Aggravated by Exposure:NONE WHEN USED AS DESCRIBED BY
PRODUCT LITERATURE.

=====
First Aid Measures
=====

First Aid:EYES: FLUSH WITH WATER. SKIN: WASH WITH SOAP AND WATER.
INHALATION: REMOVE FROM EXPOSURE. INGESTION: DILUTE STOMACH
CONTENTS WITH SEVERAL GLASSES OF WATER.

=====
Fire Fighting Measures
=====

Lower Limits:N.A
Upper Limits:N.A
Extinguishing Media:USE WATER SPRAY, FOG OR FOAM.
Fire Fighting Procedures:AVOID INHALATION OF SMOKE. WEAR PROTECTIVE
CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard

:TONER IS A COMBUSTIBLE POWDER. LIKE MOST ORGANIC MATERIALS IN POWDER FORM, IT CAN FORM EXPLOSIVE MIXTURES WHEN DISPERSED IN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP OR VACUUM SPILLED TONER AND CAREFULLY TRANSFER INTO SCALABLE WASTE CONTAINER. SWEEP SLOWLY TO MINIMIZE GENERATION OF DUST DURING CLEAN-UP. IF A VACUUM IS USED, THE MOTOR MUST BE RATED AS DUST TIGHT. A CONDUCTIVE HOSE BONDED TO THE MACHINE SH

OULD BE USED TO REDUCE STATIC BUILDUP. SEE OTHER PRECAUTIONS.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

===== Handling and Storage =====

Handling and Storage Precautions:AVOID PROLONGED INHALATION OF EXCESSIVE DUST.

Other Precautions:RESIDUE CAN BE REMOVED WITH SOAP AND COLD WATER. GARMENTS MAY BE WASHED OR DRY CLEANED, AFTER REMOVAL OF LOOSE TONER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED IN XEROX EQUIPMENT.

Ventilation:NONE REQUIRED WHEN USED AS INTENDED IN XEROX EQUIPMENT.

Protective Gloves:NONE REQUIRED WHEN USED AS INTENDED IN XEROX EQUIPMENT.

Eye Protection:NONE REQUIRED WHEN USED AS INTENDED IN XEROX EQUIPMENT.

Other Protective Equipment:FOR USE OTHER THAN NORMAL CUSTOMER-OPERATING PROCEDURES (SUCH AS IN BULK TONER PROCESSING FACILITIES), GOGGLES AND RESPIRATORS MAY BE REQUIRED. FOR MORE INFORMATION CONTACT XER

OX.
Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER

Supplemental Safety and Health
USED IN XEROX TRADE NAME: 5750/5760/5765/5790/5799/DOCUCOLOR OFFICE 6/DOCUCOLOR 30 CP/DOCUCOLOR 30 PRO/DOCUCOLOR 40 CYAN DEVELOPER.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:N.A.

Melt/Freeze Pt:M.P/F.P Text:N.A.

Vapor Pres:N.A.

Vapor Density:N.A.

Spec Gravity:N.D.

pH:N.A.

Evaporation Rate & Reference:N.A.

Solubility in Water:N.D.

Appearance

and Odor:YELLOW POWDER/FAINT ODOR.
Percent Volatiles by Volume:N.A.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
NONE KNOWN.

Stability Condition to Avoid:NO DATA PROVIDED BY MANUFACTURER

Hazardous Decomposition Products:PRODUCTS OF COMBUSTION MAY BE TOXIC.
AVOID BREATHING SMOKE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:DE

RMAL LD50: >5 G/KG PRACTICALLY NON-TOXIC.

INHALATION LC50: >5 MG/L (RATS, 4 HR) PRACTICALLY NON-TOXIC; > 20
MG/L (RATS, CALCULATED 1 HR) NON-POISONOUS, DOT. EYE IRRITATION:
NOT AN IRRITANT. SKIN SENSITIZATION: NOT A SENSITIZER. SKIN
IRRITATION: NOT AN IRRITANT. HUMAN PATCH: NON-IRRITATING,
NON-SENSITIZING. MUTAGENICITY: NON-MUTAGENIC IN AMES TEST ASSAY.
TLV: 10 MG/M3 (TOTAL DUST). PEL: 15 MG/M3 (TOTAL DUST). 5 MG/M3
(RESPIRABLE DUST). STEL: N.E. CEILING: N.E. XEL:
0.4 MG/M3
(RESPIRABLE DUST). 2.5 MG/M3 (TOTAL DUST).

===== Ecological Information =====

Ecological:AQUATIC LC50: >1000 MG/L (RAINBOW TROUT) NON-TOXIC.

===== Disposal Considerations =====

Waste Disposal Methods:THIS MATERIAL IS NOT A HAZARDOUS WASTE ACCORFING
TO FEDERAL REGULATIONS 40 CFR 261 WHEN DISPOSED. STATE AND LOCAL
WASTE DISPOSAL REQUIREMENTS HOWEVER, MAY BE MORE RESTRICTIVE .
PLEASE, CONSULT WITH T HE
APPROPRIATE STATE AND LOCAL WASTE
DISPOSAL AUTHORITIES. INCINERATE ONLY IN A CLOSED CONTAINER.

===== MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: N.A. (NOT REGULATED).
ID NUMBER: N.A. HAZARD CLASSIFICATION: N.A. PACKING GROUP: N.A.

===== Regulatory Information =====

SARA Title III Information:CU-ZN FERRITE POWDER (CAS# 66402-68-4) IS A
TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIR

EMENTS OF SECTION 313

OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF
1986 AND 40 CFR PART 372.

Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of A
merica in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.