

Panasonic Communications Co., Ltd.

Digital Imaging Company

9-1 Hiraide Industrial Park, Utsunomiya City, Tochigi, 321-8502 Japan
TEL : Japan (0) 28-683-6660, FAX : Japan (0) 28-662-8393

Material Safety Data Sheet

Page: 1 of 4

MSDS No.: 021-000383

Date : 6 January, 2003

SECTION 1 PRODUCT IDENTIFICATION

Product Name : Photoreceptor, Print/Copy Cartridge DQ-UH26X for Panasonic
Digital Color Imaging System, Model DP-C106
Product No. : Photoreceptor of Print/Copy Cartridge DQ-UH26X

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: This product is classified as an "Article".

INGREDIENTS	CAS #	PROPORTION (% by wt.)
Organic materials	-	-

The specific chemical identifies are trade secrets.

UN Hazardous Class: None

UN Number: None

SECTION 3 HAZARDOUS IDENTIFICATION

Physical and Chemical Hazard: There are no significant hazards associated with this product.

Adverse Human Health Effects: There are no significant hazards associated with this product.

Environmental Effects: There are no significant hazards associated with this product.

SECTION 4 FIRST AID MEASURES

EYE CONTACT : Not applicable
SKIN CONTACT : Wash with soap and water.
INHALATION : Not applicable
INGESTION : Not applicable

SECTION 5 FIRE FIGHTING MEASURES

SPECIFIED METHOD : In case of fire, use extinguishing media.
When in a machine, treat as an electrical fire.
EXTINGUISHING MEDIA : Water spray, Dry chemicals, Foam.

SECTION 6 ACCIDENTIAL RELEASE MEASURES

None required when used as intended.

SECTION 7 HANDLING AND STORAGE

HANDLING : Avoid exposure to high temperature. Do not disassemble a cartridge.
STORAGE : Keep in cool, dry and well-ventilated area. Keep out of reach of children.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameter
ACGIH TLV (1999): Not applicable
Precautionary Measure: None required when used as intended.
Personal Protective Equipment: None required when used as intended. For use other than normal customer operating procedures, protective glove may be required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR : Blue solid/Odorless
BOILING POINT(OC): Not applicable
VOLATILE(%): Not applicable
SPECIFIC GRAVITY (H₂O=1): Not applicable
SOLUBILITY IN WATER: Insoluble
VAPOR PRESSURE: Not applicable
SOFTENING POINT: Not available
INITIAL BOILING POINT (°C): Not applicable
OTHER DATA: None

SECTION 10 STABILITY AND REACTIVITY

FLASH POINT(OC): None
AUTO-IGNITION TEMPERATURE: None
EXPLOSION LIMIT: Not applicable
FLAMMABILITY: Not flammable under conditions of use
SPONTANEOUS: None
COMBUSTIBILITY/REACTIVE WITH WATER:
SELF-REACTIVITY/EXPLOSIVE: None
DUST EXPLOSIVE: Not applicable
STABILITY AND REACTIVITY: Stable
OTHER DATA: None

SECTION 11 TOXICOLOGICAL INFORMATION

SKIN CORROSIVE: None
SKIN IRRITANT (RABBIT): Not an irritant. ¹⁾
EYE IRRITANT (RABBIT): Not available
HUMAN PATCH: No evidence of skin irritation or sensitization
SENSITIZATION SKIN (GUINEA-PIG): Not a sensitizer. ¹⁾
ACUTE TOXICITY SWALLOWED LD50(RAT): > 5000 mg/kg¹⁾
(Practically non-toxic)
SKIN LD50 (RABBIT): Not available
INHALED LC50(RAT): Not available
CHRONIC TOXICITY: Not known
CARCINOGENITY: Not contain/classified as "Carcinogens^{ref.1}".
MUTAGENICITY: AMES ASSAY: Negative
REPRODUCTION AND DEVELOPMENT: Not classified as "Reproductive and Development chemicals^{ref.2}"

1) This information is based on toxicity data for similar materials and ingredients.

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADABILITY: Not available.
BIOACCUMULATION: Not available.
ACCUTE TOXICITY: Not available.
OTHER INFORMATION: None

SECTION 13 DISPOSAL CONSIDERATION

Dispose of in accordance with federal, state and local regulations.

SECTION 14 TRANSPORT INFORMATION

Transport in accordance with federal, state and local regulations.

SECTION 15 REGULATORY INFORMATION

Ensure this product in compliance with federal requirements and ensure conformity to local regulations.

SECTION 16 OTHER INFORMATION

The above mentioned data correspond to our present state of knowledge and experience, but no warranty is made. Users should consider these data only as a supplement to other information and must make independent determination of the suitability and completeness of information from all sources to ensure proper use and disposal of the materials and safety and health of employees and customers.

References

1. • IRAC Monographs on the Evaluation Carcinogenic Risks to Humans (WHO. International Agency for Research on Cancer)
 - National Toxicology Program(NTP) Report on Carcinogens (NTP)
 - TLVs and BEIs (American Conference of Governmental Industrial Hygienists)
 - Council Directive 67/548/EEC on the approximation of the laws, regulations, and administrative provisions relating to the classification, packing and labeling of dangerous substances; Annex 1(EU)
 - Journal of Occupational Health (Japan Society for Occupational Health)
2. • Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packing and labeling of dangerous substances; Annex 1(EU)

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions.