

# Panasonic Communications Co., Ltd.

## Digital Imaging Company

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# Material Safety Data Sheet

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MSDS No.: 021-000374

Date : 6 January, 2003

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### SECTION 1 PRODUCT IDENTIFICATION

Product Name : Photoreceptor, Drum Cartridge DQ-UH700 for Panasonic Digital Copier, Model DP-6000 & DP-7000  
Product No. : Photoreceptor of Drum Cartridge DQ-UH700

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### 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

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### 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

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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, CO<sub>2</sub>.

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SECTION 6 ACCIDENTIAL RELEASE MEASURES

None required when used as intended.

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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.

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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.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR : Blue solid/Odorless  
BOILING POINT(OC): Not applicable  
VOLATILE(%): Not applicable  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): Not applicable  
SOLUBILITY IN WATER: Insoluble  
VAPOR PRESSURE: Not applicable  
SOFTENING POINT: Not available  
INITIAL BOILING POINT (°C): Not applicable  
OTHER DATA: None

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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

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SECTION 11 TOXICOLOGICAL INFORMATION

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

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

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SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADABILITY: Not available.  
BIOACCUMULATION: Not available.  
ACCUTE TOXICITY: Not available.

OTHER INFORMATION: None

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SECTION 13 DISPOSAL CONSIDERATION

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

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SECTION 14 TRANSPORT INFORMATION

Transport in accordance with federal, state and local regulations.

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SECTION 15 REGULATORY INFORMATION

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

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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)

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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.