

# Material Safety Data Sheet

1. **Name** : Black Dye Ink for HP Designjet 5000/5500 series.      **Product Code** : IR-C81K

2. **Hazardous Ingredients** : No Reportable Ingredients are Present.

## 3. Physical and Chemical Properties

**Boiling Point** : Not determined.    **Specific Gravity** : ~ 1.02    **Solubility in water** : miscible    **m.p** : Not determined

**Appearance and Odor**: Colored liquid, mild odor    **Viscosity**: less than 3 cps    **PH**: 7~8

## 4. Fire Fighting Measures

**Flammability Classification** : None

**Extinguishing Media** : foam, CO2, Dry chemical, water fog

**Protective Equipment** : Wear full protective fire fighting gear including self-containing breathing apparatus.

## 5. Health Hazards Data

1) **Eyes & Skin** : Eye irritation and moderate skin irritation may occur.

2) **Inhalation** : Intentional exposure to ink vapors may cause respiratory irritation.

3) **Ingestion** : May cause upset stomach.

**Acute effects** ;    **Inhalation** : Not tested    **Ingestion**: LD<sub>50</sub>(rat): >2,000 mg/kg.    **Skin & Eye** : Mild irritant.

**Chronic effects** : Not tested.    **Mutagenic effects** : Not tested.

## 6. First Aid Measures

**Inhalation**: Remove to fresh air: If breathing is difficult, give oxygen. If not breathing ,give artificial respiration.

If symptoms develop, seek medical attention..

**Skin**: Wash skin with mild soap and water. If symptoms develop, seek medial attention.

**Ingestion**: Do not induce vomiting. If conscious and alert, rinse mouth with water. If symptoms develop, seek medical attention.

**Eyes**: Rinse eyes thoroughly with plenty of water keeping eyelid open.

## 7. Accidental Release Measures

If split, use sponge to wipe up the ink. Place it in closed container for proper disposal. During working for clean up, put on rubber gloves and goggle to avoid contacting ink to skin and eyes.

## 8. Handling and Storage

**Handling Precautions** : In use of ink, avoid contact with skin and eyes. Do not dismantle the cartridge.

**Storage Precautions** : Store in dry place away from strong oxidizers. Do not store ink or the cartridge in high or freezing temperature. Avoid direct sunlight.

## 9. Exposure Controls and Personal Protection

Respirators are not needed for normal use. But if there is potential for significant dermal contact, wear appropriate impervious clothing and gloves, also wear safety glassed.

10. **Stability and Reactivity** : Stable

11. **Ecological information** : Ecotoxicological information is not available for product

12. **Disposal considerations** : Dispose of in accordance with federal, state and local regulations.

13. **Disclaimer** : The information set forth above is based on which *REDGiant Inc* believes to be accurate. No warranty, expressed or implied, is intended. The information is provided solely for your information and consideration and *REDGiant Inc* assumes no legal responsibility for its use or reliance thereon..

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