

## MATERIAL SAFETY DATA SHEET

### 1.PRODUCT NAME Ink Jet Ink

Katun PN: **56454**

Product Name: **HP PRO X451 INK CTG BLK 9.2K NA**

#### **Supplier of the SDS**

Katun Corporation

7760 France Avenue South, Suite 340

Minneapolis, MN 55435

Tel: 952-941-9505 / **Emergency Phone Number:** (Chemtrec) 800-424-9300

### 2.INGREDIENTS (%wt)

PEL OR TLV

Diethylene Glycol, CAS #111-46-6 25%

Pigment Mixture, Proprietary <10%

Balance is water and minor ingredients.

No workplace exposure limits

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### 3.PHYSICAL PROPERTIES

Boiling Point: > 110 C

Vapor pressure: 14mm Hg @ 20 C

Solubility in water: miscible

C Appearance and odor: black, cyan, magenta, or yellow liquid

Volatile Organic Compounds (VOC) content 20g/L

Specific Gravity: 1.1

Vapor density: 3.1 (estimate)

Freezing Point: below 0

### 4.FIRE AND EXPLOSION DATA

Flash point: > 120 C Autoignition

temp.: > 230 C

Extinguishing media: water, dry chemical, carbon dioxide, and foam

Unusual fire and explosion hazards: none

### 5.REACTIVITY DATA

Stability (conditions to avoid): Stable

Hazardous polymerization: will not occur

Incompatibility: none

Hazardous decomposition products: none

### 6.HEALTH HAZARD DATA

Threshold limit value: none

Dermal irritation: irritating

Eye irritation: irritating

Expected route of entry: skin contact, eye contact, and ingestion

Acute health hazards:

Oral – Ink LD 50 > 2000mg/kg estimate

Dermal – Ink LD 50 > 2000 estimate

Mutagenicity: non-mutagenic

Listed carcinogen: none

### 7.FIRST AID

Skin: wash thoroughly with soap and water for 15 minutes.

Eyes: flush immediately under running water for 15 minutes.

Oral: ingestion of ink may result in gastric disturbances. Dilute with water.

Get medical attention.

## 8. SPILL AND DISPOSAL INFORMATION

Steps to be taken in case of spill or leak:

Avoid runoff to sewers and bodies of water.

Wear appropriate equipment.

Absorb with suitable absorbent materials.

Clean up by scrubbing with soap and water. Collect cleaning waters, or remove contaminated soils.

Place in proper containers.

Waste disposal information:

Small quantities may be treated in aerobic water treatment systems. Larger quantities may be incinerated or landfilled in accordance with all applicable federal, state, and local laws.

Disposal method:

Discarded product is not hazardous waste under RCRA, 40 CFR 261.

## 9. SPECIAL PROTECTION INFORMATION

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

Ventilation: Use ventilation adequately to maintain safe levels.

Protective clothing: Gloves, apron and arm covers to avoid skin contact. Wear chemical goggles.

## 10. REGULATORY INFORMATION

All components listed in TSCA Inventory or exempt under 40 CFR 723.5

SARA: no reactive hazard, no pressure hazard, and no fire hazard.

DOT/IATA: not regulated by DOT 49 CFR or IATA

California Proposition 65: no listed chemical

Massachusetts Substance List: no listed chemical

New Jersey Right to Know List: no listed chemical

Pennsylvania Hazardous Substance List: diethylene glycol

## 11. LABEL INFORMATION

May cause eye irritation if splashed into eye. May cause skin irritation.

## 12. TRANSPORTATION REGULATION

Non-regulated by Department of Transportation