

**KATUN**<sup>®</sup>**SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING****Product Name** : HP DJ 5000 BLK 680ML UV**Product #** : 52994**Material Uses** : Ink for use in an ink jet process.**Supplier of the SDS** : Katun Corporation  
10951 Bush Lake Rd  
Minneapolis, MN 55438  
Tel: 952-941-9505

Emergency Phone: (Chemtrec) (800) 424-9300

**2. HAZARD IDENTIFICATION****Signal Word:** WARNING**Hazard Statement:** Contact with skin and eyes may result in irritation. Read SDS before using.**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

<b>CAS Number</b>	<b>Percent (%)</b>	<b>Chemical Name</b>
1) 7732-18-5	1-60	Water
2) Trade Secret	1-20	Proprietary Organic Material
3) 1333-86-4	1-5	Carbon Black
4) 56-81-5	1 - 20	Glycerin

**4. FIRST AID MEASURES****Inhalation** : If inhaled move to fresh air. Inhalation of vapor is not expected to be significant routes of exposure for this product under normal use

conditions. Respiratory irritation may occur, if persists seek medical attention.

- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water while removing contaminated clothes and shoes. Wash clothing before reuse. Get medical attention if symptoms appear.
- Eye Contact** : Do not rub eyes. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

## 5. FIRE-FIGHTING MEASURES

- Flammable Properties** : None known.
- Extinguishing Media**
- Special Fire-fighting Procedures** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Hazardous Thermal Decomposition Products** : Not available
- : Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** : Use all necessary personal protective equipment.
- Environmental Precautions** : Do not let product enter drains. Do not flush into surface water or sanitary sewer systems.
- Methods for Cleaning Up** : Move containers from the spill area. Prevent from entering sewers, water courses, basements, or confined areas. Contain and collect spillage with inert absorbent material (e.g. sand, earth, vermiculite, or diatomaceous earth) and place in container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

## 7. HANDLING AND STORAGE

- Handling** : Avoid contact with skin, eyes and clothing. Obtain and review special instructions before use.
- Storage** : Keep out of the reach of children. Keep away from excessive heat or cold.
- Packaging Materials** : Use original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:**

Chemical Name	ACGIH	NIOSH	OSHA-Final PELs
Glycerin	10 mg/m <sup>3</sup>	None listed	15 mg/m <sup>3</sup> TWA (total) 5 mg/m <sup>3</sup> TWA (respirable fractions)

**Engineering Controls:**

Use in an adequately ventilated area.

**Personal Protective Equipment****Skin and Body:**

Use personal protective equipment to minimize exposure to skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Color	: Black
Odor	: No Data Available
Boiling Point	: Not Determined
Melting Point	: Not Determined
Freezing Point	: No Data Available
Specific Gravity	: 1 (Water = 1)
Vapor Density	: No Data Available (Air = 1)
Vapor Pressure	: Not Determined
Evaporation Rate	: No Data Available
(Butyl Acetate = 1)	
Relative Density	: No Data Available
Solubility (Water)	: Soluble
pH	: 8 - 9
Flash Point	: No Data Available
Auto-Ignition	: Not Determined
Temperature	
Flammable Limits	: Not Determined
Volatility (w/w)	: No Data Available
VOC Volatility (w/w)	: No Data Available
Less Exempt Volatile	

## 10. STABILITY AND REACTIVITY

Stability

Conditions to Avoid : This product is stable under recommended conditions of storage and use.

Hazardous Decomposition Products : Not compatible with oxidizing agents and strong bases  
: Hazardous decomposition products that may be produced if decomposition occurs include gaseous carbon monoxide, carbon dioxide, nitrogen oxides, and/or low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

Serious Eye Damage/Eye Irritation : No data available

Further Information : Please refer to Section 3 for potential health effects and Section 4 for first aid measures. This ink formulation has not been tested for toxicological effects.

## 12. ECOLOGICAL INFORMATION

Eco toxicity : No data available

Heavy Metals : No data available

Persistence and Degradability : No data available

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal : Waste must be disposed of according to the applicable state, federal, and local regulations.

## 14. TRANSPORTATION INFORMATION

Not regulated under United States DOT Domestic Surface, USA, ICAO/IATA AIR, IMO/IMDG OCEAN, ADR, or RID

Special precautions : Not listed

UN Number : Not applicable

Class : Not applicable

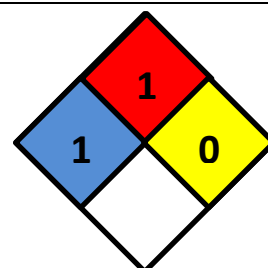
Proper shipping name : Not applicable

Packing group : Not applicable

Marine pollutant : None noted

## 15. REGULATORY INFORMATION

National Fire Protection Association (United States) : Health: 1  
Flammability: 1  
Instability: 0



**US EPA TSCA Inventory**  
**US EPA TSCA 12(b)**

: All ingredients are listed or exempt from listing.  
: Does not contain listed chemicals.

<b>16. OTHER INFORMATION</b>
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**Notice to the Reader:**

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.