



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

**Product Name** : HP DJ 1050c YLW 350ML Dye

**Product #** : 52981

**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

**Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 as amended**

**Hazard Statement:** Contact with skin and eyes may result in irritation. Read SDS before using.

**Health Hazards:** Serious eye damage/ eye irritation-Category 1

H318- Causes serious eye damage

**Environmental Hazards:** None known.

H412-Harmful to aquatic life with long lasting effects.

**Label Elements**

**Label according to Regulation(EC) No.1272/2008 as amended**

**Hazard Pictograms:**



**Signal Word:** Danger

**Hazard Statement**

H318-Causes serious eye damage.

**Precautionary Statement(s)****Prevention:**

**P280**-Wear protective gloves/protective clothing/eye protection/face protection.

**P273**- Avoid release to environment.

**Response:** **P305+**

**P351+P338**- **If in eyes:** Rinse cautiously with water for 15 min. Remove contact lenses, if present and easy to do and rinse for another 15 min.

**Storage:** Store in 15-30 Deg. Celsius. Keep away from direct light.

**Disposal:** Dispose of contents/container in accordance with local and federal regulations.

<b>3. COMPOSITION/ INFORMATION ON INGREDIENTS</b>
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<u>CAS Number/EC No</u>	<u>Percent (%)</u>	<u>Chemical Name</u>
1) 7732-18-5/231-18-5	1-75	Water
2) Trade Secret	1-15	Proprietary Organic Material
3) Trade Secret	1-5	Proprietary Dyes
4) 56-81-5/200-289-5	1-20	Glycerin

<b>4. FIRST AID MEASURES</b>
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**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** : Not flammable.  
**Extinguishing Media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
**Special Fire-fighting Procedures** : Not available  
**Hazardous Thermal Decomposition Products** : 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:** There are no exposure limits for this specific product, exposure limits for hazardous components are:

Chemical Name	ACGIH	NIOSH	OSHA-Final PELs
Glycerin(CAS# 56-81-5)	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)
Organic Acid(CAS# Proprietary)	25 mg/m <sup>3</sup>	None listed	25 mg/m <sup>3</sup> TWA(total)

**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. Wear appropriate chemical resistant clothing.

**Respiratory Protection:** For use other than the intended use, such as in the event of a large spill, goggles and respirators may be required.

**Thermal Hazards:** Not available.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Color	: Yellow
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
EvaporationRate (Butyl Acetate = 1)	: No Data Available
Relative Density	: No Data Available
Solubility (Water)	: Soluble
pH	: 3.5-5
Flash Point	: No Data Available

Auto-Ignition Temperature	: Not Determined
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	: This product is stable under recommended conditions of storage and use.
Conditions to Avoid	: Not compatible with oxidizing agents and strong bases
Hazardous Decomposition Products	: 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

Acute toxicity	:Based on available data, the classification criteria are not met
Skin corrosion/irritation	:Based on available data, the classification criteria are not met
Serious eye damage/eye irritation	:Based on available data, the classification criteria are not met
Respiratory sensitization Skin sensitization	:Based on available data, the classification criteria are not met
Germ cell mutagenicity	:Based on available data, the classification criteria are not met
Carcinogenicity	: Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation.
Reproductive toxicity	
Specific target organ toxicity - single exposure	:Based on available data, the classification criteria are not met
Specific target organ toxicity - repeated exposure	:Based on available data, the classification criteria are not met

### Acute

#### Organic Acid(CAS Proprietary)

Oral LD50: >2000 mg/kg (rat)

## 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

**Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I : Not Listed

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II : Not Listed

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended : Not Listed

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended : Not Listed

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended : Not Listed

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended : Not Listed

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended : Not Listed

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry : Not Listed

: Not Listed

Regulation (EC) No. 1907/2006, REACH Article 59(1)  
Candidate List as currently published by ECHA

Authorizations  
Regulation (EC) No. 143/2011 Annex XIV Substances  
Subject to Authorization : Not Listed

Restrictions on use  
Regulation (EC) No. 1907/2006, REACH Annex XVII  
Substances subject to restriction on marketing and use as  
amended : Not Listed

Directive 2004/37/EC: on the protection of workers from the  
risks related to exposure to carcinogens and mutagens at work : Not regulated

Directive 92/85/EEC: on the safety and health of pregnant  
workers and workers who have recently given birth or are  
breastfeeding : Not regulated

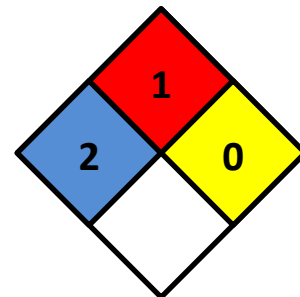
Other EU regulations : Not regulated

Directive 96/82/EC (Seveso II) on the control of major-  
accident hazards involving dangerous substances

Directive 98/24/EC on the protection of the health and safety  
of workers from the risks related to chemical agents at work

Directive 94/33/EC on the protection of young people at work

**National Fire Protection Association (United States)**  
**US EPA TSCA Inventory** : Health: 1  
Flammability: 1  
Instability: 0



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

**US EPA TSCA 12(b)**

## 16. OTHER INFORMATION

**Date of Issue** : December 2015  
**Version** : 1.02

**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.

### **Explanation of abbreviations**

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

CERCLA: Comprehensive Environmental Response Compensation and Liability Act

CFR: Code of Federal Regulations

COC: Cleveland Open Cup

DOT: Department of Transportation

EPCRA: Emergency Planning and Community Right-to-Know Act (aka SARA)

IARC: International Agency for Research on Cancer

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

RCRA: Resource Conservation and Recovery Act

REC: Recommended

REL: Recommended Exposure Limit

SARA: Superfund Amendments and Reauthorization Act of 1986

STEL: Short-Term Exposure Limit

TCLP: Toxicity Characteristics Leaching Procedure

TLV: Threshold Limit Value

TSCA: Toxic Substances Control Act

VOC: Volatile Organic Compounds



