

快件声明物安全特性报告

1 - COMMODITY AND COMPANY IDENTIFICATION

Product Name: INKJET INK –DYE- BASED

Company : SHENZHEN INKBANK GRAPHIC TECHNOLOGY CO., LTD

Address : C/F Building, Hejing Industrial Park, Fuyong Street, Bao'an District, Shenzhen City, China

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2 - CHEMICAL COMPOSITION

Product Name	Symbol	% In Weight	Remark
Acid Dyes /Direct Dyes	NF(Non-Flammable), Xi (Irritant)	8.7 – 12.0	AcidY-23,Reactiv eR-23 Direct BI-199,
Polyalkyl Glycol	F (Flammable) , Xi (Irritant)	6.3	Direct Bk-168
Glycol Derivation	F (Flammable), Xi (Irritant)	7.0	
Polyoxyethylene	Xn (NOCIVE)	3.0	
Water	NF(Non-Flammable) , NXi (Non-Irritant),	71.7 – 75.0	

3 - HAZARDOUS INGREDIENTS

This product is not considered to be a hazardous substance under “OSHA’s” hazard communication standard (29 CFR 1910.1200)

4 - HMIS INFORMATION

Health 1 (NPCA)
Flammability 1 (NPCA)
Reactivity 0 (NPCA)

5 - PHYSICAL DATA

Melting point - L Liquid form -15 ± 5 °C (H2O=0°C)
Boiling point - L 100°C (H2O=100°C)
Specific gravity - 1.05 ± 0.10 (H2O=1)
State - Liquid form
Surface area - Unknown
Vapor pressure - 17 mmHg at 20°C
% volatile - 88 – 91.3 %
Solubility in water - Miscible
pH - 6.0 – 9.5
Viscosity (cps) - 1.8 – 2.5 for dye-based ink ;
Surface tension - 28.0 – 32.0 (dyne/cm)
Appearance and odor - Color concentrated liquid, appreciable odor

6 – FIRE & EXPLOSION HAZARD

Flammability classification - non-flammable
Flash point - > 93°C (> 93.3°C pensky martens closed cup)
Extinguishing media - carbon dioxide,drychemicals, and foam
Protection of fire-fighters -wear individual breathing apparatus

Specific hazards

- in case of fire or explosion, do not breath the fumes

7 - FIRST AID MEASURES

Skin contact

- Wash in soap and water and rinse with water

Eye contact

- Wash immediately with water, opening eyelids.

If irritation continues, see an ophtalmologist

Ingestion-

-Call a doctor in case of doubt or if symptoms persist

8 - REACTIVITY DATA

Stability

-Stable materials

Hazardous polymerization

- Will not occur

9 - SPILL OR LEAK PROCEDURES

Spills - should be contained, absorbed and placed in suitable containers for disposal in a RCRA licensed facility

Waste disposal method - must be disposed of as a hazardous waste, as defined by EPA's EP

Toxicity specifications, at a RCRA licensed facility

Container disposal - empty containers with less than one inch of residue may be crushed and landfilled at a licensed facility

10 - SPECIAL PROTECTION METHOD

Respiratory protection

Niosh approved vapor respirators recommended.

Ventilation

Local exhaust ventilation or containment recommended

Protective groves

Recommended

Eye protectio

Safty glasses recommended

11 - TOXICOLOGICAL INFORMATION

Acute toxicity - LC50 - = 6000 mg/kg (ORAL RAT)

Skin irritation - OCD E404 - : Non Irritant

Eye Irritant - OCD E405 - : Irritant

12 - ECOLOGICAL INFORMATION

Possible environment impact / ecotoxicity - Ames test : Negative

13 - HANDLING AND STORAGE

Handling - handling without causing dust

Storage - product is stable under normal storage condition

14 - TRANSPORTATION REQUIREMENTS

D.O.T. hazard classification (49 CFR 172) - None / Non-hazardou

D.O.T. labels required : None

Not classified as dangerous in the meaning of transport regulations.

Hazardous waste : Yes

I.A.T.A. Dangerous Goods Regulations : Non D.G.

15 - SPECIAL PRECAUTIONS

FDA status - this product does not have FDA approval as a food additive

Label - Xn nocive

R36/37/38

S9

S16

S25

16 - STABILITY

- Heat stability test - used in desktop and wide format plotter printers
Freeze thaw test - 6 cycles at -20°C
Room temperature - > 2 years

17 - OTHER INFORMATIONS

- Uses - used in desktop and wide format plotter printers
Solvent system - water

18 – HEAVY METAL CONTENT

Arsenic(As) :	<0.5 ppm	Lead(Pb) :	<0.5 ppm
Mercury(Hg) :	<0.5 ppm	Barium(Ba) :	<0.5 ppm
Antimony(Sb) :	<0.6 ppm	Cadmium(Cd) :	<0.5 ppm
Selenium(Se) :	<0.5 ppm	Chromium(Cr) :	<0.5 ppm

Reported by: (报告人)

Company Name: Shenzhen INKBANK Graphic Technology Co., Ltd Date: 2020-01-01

公司名称: 深圳墨库图文技术有限公司

日期:

Authorized Person:

Signature: _____

报告人: 杨彬

签名: