

## IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME Standard Black  
PRODUCT NO. HC05  
USE OF PRODUCT Thermal inkjet ink

## HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

CLASSIFICATION (1999/45) Not classified.

## COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
Butyl Diglycol Ether	203-961-6	112-34-5	1-5%	Xi;R36;S24/26
2-Pyrrolidone	210-483-1	616-45-5	10-30%	Xi;R36/38.
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35

All ingredients are EPA TSCA listed and none of them are subject to TSCA section 12(b) The Full Text for all R-Phrases is Displayed in Section 16

## FIRST-AID MEASURES

First aid procedures

**SKIN** Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

**EYE** Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

**INHALATION** Move to fresh air. If symptoms persist, get medical attention.

**INGESTION** If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting without medical advice.

## FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES	Not flammable.
EXTINGUISHING MEDIA	
SUITABLE EXTINGUISHING MEDIA	CO <sub>2</sub> , water, dry chemical, or foam
UNSUITABLE EXTINGUISHING MEDIA	None known.
FIRE FIGHTING EQUIPMENT/INSTRUCTIONS	Not available.
SPECIFIC METHODS	None established.
HAZARDOUS COMBUSTION PRODUCTS	Refer to section 10.

## ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** Wear appropriate personal protective equipment and Ensure adequate ventilation and Remove all sources of ignition.

**ENVIRONMENTAL PRECAUTIONS** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**PROCEDURES IF MATERIAL IS SPILLED OR RELEASED** Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

## HANDLING AND STORAGE

**HANDLING** Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition and use this product with adequate ventilation.

**STORAGE** Keep out of the reach of children. Keep away from excessive heat or cold. Keep away from excessive heat, sparks, and open flames.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m <sup>3</sup>	
Butyl Diglycol Ether	WEL	98 mg/3m	246 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit

## PROTECTIVE EQUIPMENT



**HAND PROTECTION**  
Protective gloves should be used if there is a risk of direct contact or splash.



**EYE PROTECTION**  
Wear splash-proof eye goggles to prevent any possibility of eye contact.

## PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Coloured liquid
COLOUR	Standard Black
SOLUBILITY	Soluble in water
pH-VALUE, CONC. SOLUTION	7.9- 8.9
VISCOSITY	3.5- 4.2 cps 25°C

## STABILITY AND REACTIVITY

Stable under normal temperature conditions and recommended use.

## TOXICOLOGICAL INFORMATION

Complete toxicity data are not available for this specific formulation. Refer to Section 3 and 12 for potential health effects and Section 4 for first aid measures.

**CARCINOGENICITY** None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.

## ECOLOGICAL INFORMATION

Name	EC No.	CAS-No.	LD50 (rat/oral)	LC50
Butyl Diglycol Ether	203-961-6	112-34-5	5660 mg/Kg	1300 mg/l/96h Lepomis gibbosus 4.600 - 10.000mg/ l/96h Danio rerio
2-Pyrrolidone	210-483-1	616-45-5	>5000 mg/Kg	7 mg/l/96h Oncorhynchus mykiss
SODIUM HYDROXIDE (formulated)	215-185-5	1310-73-2	1221 mg/Kg	

## DISPOSAL CONSIDERATIONS

Waste, including emptied containers, should be disposed of in accordance with local regulations.

## TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States)

IATA	
Proper shipping name	Not applicable
Hazard class	Not applicable
Packaging exceptions	None
Identification number (UN)	None
Packing group	N/A
Not classified as dangerous in the meaning of transport	

## REGULATORY INFORMATION

US FEDERAL REGULATIONS	US TSCA 12(b): Does not contain listed chemicals.
CERCLA (SUPERFUND)	None
REPORTABLE QUANTITY	
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
HAZARD CATEGORIES	
IMMEDIATE HAZARD	No
DELAYED HAZARD	No
FIRE HAZARD	No
PRESSURE HAZARD	No
REACTIVITY HAZARD	No

Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	No

International regulations All chemical substances in this product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

## OTHER INFORMATION

REVISION DATE	01 Jan 2018
REV. NO./REPL. SDS GENERATED	03
RISK PHRASES IN FULL	
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.
SAFETY PHRASES IN FULL	
S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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