

Section One: Identification

Product Name: Liquid Impression Pen
Manufacturer: IFB Solutions
Address: 7730 North Point Dr.
Winston Salem, NC 27106
800-242-7726
Medical Emergency Call: 1-800-222-1222 (Poison Control Center)
Recommended Use: Writing Instrument

Section Two: Hazard(s) Identification

**This product is a consumer product and is not subject to the requirements of OSHA HCS/HazCom 2012. Warnings in this section are for the bulk inks and applicable only in workplace environments and not for the product itself under normal use and conditions. Nonetheless, this SDS is provided for the information of product users.

Section Three: Composition / Information on Ingredients

Chemical name	CAS. NO	BLACK	BLUE	RED
Glycerine	56-81-5	5~10%	5~15%	5~15%
Ethylene glycol	1 111-46-6		1~10%	1~10%
Diethylene glycol	107-21-1	5~10%		
Polyethylene glycol #400	25322-68-3	5~10%		
1,2,3-Benzotriazole	95-14-7	0.1~1%	0.1~1%	0.1~1%
1,2-Benzisothiazolin-3-one	2634-33-5	0.1~0.5%	0.1~0.5%	0.1~0.5%
UREA	57-13-6	1~10~		
Sodium hydroxide	1310-73-2	0.1~1%		
Dyestuff Direct Black	19 6428-31-5	1~10%		
Brilliant Blue G pure	6104-58-1		1~10%	
C.I Acid Red	92 18472-87-2			3~10%
Tatrazine Acid YL	23 1934-21-0			1~5%
Distilled Water	7732-18-5	50~70%	50~70%	50~70%

(UNIT : %(W/W))

Section Four: First-Aid Measures

Eyes : Wash eyes with plenty of water. If irritation develops, seek medical advice.
Skin : Wash with soap and water.
Ingestion : Induce vomiting. In case of remaining sickness, seek medical advice.
Inhalation : Intake of fresh air.

Section Five: Fire-Fighting Measures

Extinguishing media : Water or non-flammable
Special fire fighting procedures : None
Unusual fire and explosion hazards : None

Section Six: Accidental Release Measures

Person related precautions : Avoid inhalation and eye contact.
Environmental precautions : Do not empty into drains and waters, surface water and ground water.
Waste disposal method : Dispose of all wastes in accordance with Federal, States & Local regulations.

Section Seven: Handling and Storage

Handling : Close container well after use and keep it at room temperature. Use in the well ventilated areas.
Storage : Don't expose to direct sunlight for safekeeping.

Section Eight: Exposure Controls/Personal Protection

Additional remarks relating technical equipments : No further remarks.
Personal measures of protection :
 Respiratory protection (specify type) : Not necessary
Ventilation
 Local exhaust : Not necessary
 Mechanical : Not necessary
 Other : Natural ventilation
Skin and eye protection : Rubber or plastic gloves & Protective glasses.
Work/hygienic practice : Pay attention to the usual rules for handling chemicals.

Section Nine: Physical and Chemical Properties

Boiling point : >100°C
pH : Classic color – 6.4 ~ 10.3
 Fluorescent color – 5.5 ~ 6.5
Solubility in water : Miscible
Appearance and odor : Almost odorless
Freezing point : <-10°C

Section Ten: Stability and Reactivity

Conditions/substances to be avoided : None
Hazardous decomposition products : None

Section Eleven: Toxicological Information

Acute : Not determined
Chronic : Not determined
Signs and symptom of overexposure : Not determined
Medical conditions generally aggravated by exposure : Not determined.
Chemical listed as carcinogens : Unknown

Section Twelve: Ecological Information

No ecological data on the product itself is available.
The product must not be allowed to run into drains or waterways.

Section Thirteen: Disposal Considerations

Consult local, state and observe all federal regulation.
Do not pour into drains or waterways.

Waste:
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:
Empty container completely. Give to a certified disposal contractor.

Local arrangements:
Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

Section Fourteen: Transport Information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

Section Fifteen: Regulatory Information

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Preparation classification:

Contains:

Particular provisions:

Section Sixteen: Other Information

HMIS Code	
Health	N/A
Flammability	N/A
Reactivity	N/A
Personal Protection	N/A

The OSHA Hazard Communication Standard does not apply to the product described in this MSDS. The reason for the exemption is contained in 29 CFR 1910.1200 (b)(6)(ix), as amended July 1, 1994, per the Code of Federal Regulations. The information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the product is covered by the Hazard Communication Standard, nor is the MSDS meant to comply with all the requirements of the Hazard Communication Standard.

0 = Minimal / 4 = Severe Hazard

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FOR RELIANCE THEREON. The user is required to comply with all laws and regulations relating to the purchase, use, storage, and disposal of the product. User must be familiar with and follow generally accepted safe handling procedures of chemicals, and is solely responsible for any effects caused by its misuse or mixing of this chemical with any other substance.