

# SAFETY DATA SHEET (SDS)



WB-INK BLACK 810-1

## 1: Product and Manufacturer Identification

Product Name : WB-INK BLACK 810-1  
Product Code / Other Names : ITA30010  
Material Uses : Ink  
Manufacturer Name : Beifa Group Co.,Ltd  
Street Address : NO.298 Jangnan Road (east)  
City, State, Province : Beilun, Ningbo, Zhejiang Province.  
Country & Post Code : China

Emergency Contacts : 86-574-5678-6533

## 2: Hazard(s) Identification

Physical State : Liquid  
Odor : Alcohol odor  
WHMIS Status (Canada) : Not available  
Hazard Statements or Symbols : Not available  
OSHA/HCS Status (USA) : Not available  
Hazard Statements or Symbols : Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness  
Emergency Overview : Not available  
Possible Routes of Entry : Not available

### Potential Acute Health Effects

Inhalation : Not available  
Ingestion : Not available  
Skin Contact : Not available  
Eye Contact : Causes serious eye irritation

### Potential Chronic Health Effects

Chronic Effects : No chronic effects  
Carcinogenicity : No carcinogenic effects  
Mutagenicity : No mutagenic effects  
Teratogenicity : No teratogenic effects  
Developmental Effects : No developmental effects  
Fertility Effects : No effects of fertility

Medical conditions aggravated by : Not available

Additional hazards not otherwise classified : Not available

## 3: Composition / Information on Ingredients

Ingredient Name or Description	CAS Number	%
Pigment	N/D	3.5-4.5%
Polyvinyl Butyral	63148-65-2	3.5-4.5%
Remover	N/D	4.5-7.5%
Anti drying agent	N/D	0.5-1.5%
Ethanol	64-17-5	50.0-60.0%
2-propanol	67-63-0	25-35%

Additional Composition Details : No information available

## 4: First-aid Measures

Eye Contact : Causes serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an oculist.  
Skin Contact : Causes skin irritation. Wash with plenty of soap and water. Consult a physician  
Inhalation : May cause drowsiness or dizziness. If breathing difficulty should occur, remove person to fresh air and consult a physician  
Ingestion : If swallowed, do not induce vomiting. Dilute with water or salt water and call a physician immediately.  
Protection for First-aid Providers : No information available  
Notes to Physician : No information available

## 5: Fire-fighting Measures

Flammability of the Product : Move containers to safety place. If it is unable to move it, cool containers with water spray.

### Extinguishing Media/Methods

Suitable : Use water spray (fog), foam, dry powder, or carbon dioxide, as appropriate for surrounding fire and materials.  
Not Suitable : No information available

Special Exposure Hazards : May emit toxic fumes of carbon monoxides

Products of Combustion : No information available

Special Protective Equipment Needed for : Firefighters should be equipped with protective apparatus and never do it under the lee

Special Remarks on Fire Hazards : No information available

Special Remarks on Explosion Hazards : No information available

## 6: Accidental Release Measures

Personal Precautions : Exercise reasonable care and attention not to drain waste water into the river. Wear a protective clothes and gloves while working and never do it under the lee.

Protective Equipment : Wear a protective clothes and gloves while working and never do it under the lee.

Environmental Precautions : Not to drain waste water into the river

### Cleaning / Containing

Small Spill : Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container with covers for disposal, using no sparking tools and wash off with a plenty of water

Large Spill : Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container with covers for disposal, using no sparking tools and wash off with a plenty of water

## 7: Handling and Storage

Safe Handling Precautions : No flares, smoking or flames in area. Avoid spark and contact with strong acid. Sufficient ventilation should be done in the working zone, should close the container tightly after working. Avoid to leaking, flooding, scattering and evaporation. Take precautionary measures against static discharge. Wear an electric conductor type clothes and shoes. Don't handle the containers roughly.

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Safe Storage Precautions : The protective type electrical appliances should be used and appliances should be earthed. It should be stored in a cool place and be kept in a tightly closed container, protected from physical damage, and away from oxidizing materials and sources of ignition.

### 8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
Ethanol	ACGIH(TWA) 1000ppm
2-propanol	ACGIH(TWA) 200ppm ACGIH(TLV) 200ppm (SEL) 400PPM

ACGIH

Recommended Monitoring Procedures : No information available  
 Engineering Measures : Close the container tightly in case of using in room or doing sufficient ventilation. Install the safety shower, hand washing apparatus and eyes washable apparatus  
 Hygiene Measures : No information available

#### Personal Protection

Respiratory : Gas mask  
 Hands : Wear protective gloves  
 Eyes : Wear safety glasses with side shields or chemical splash goggles.  
 Skin : gloves, coveralls, apron and boots with chemical resistance.  
 Environmental Exposure Controls : No information available

### 9: Physical and Chemical Properties

Physical State : Liquid  
 Flash Point (°C and °F) : 13°C (Ethanol)  
 Auto-ignition Temperature (°C and °F) : 422.78°C (Ethanol)  
 Flammable Limits : 3.3% lower, 19% upper (Ethanol)  
 Color : BLACK  
 Odor : Alcohol odor  
 Odor Threshold : Not determined  
 pH : N/A  
 Boiling/Condensing Point (°C and °F) : 78°C (Ethanol)  
 Melting/Freezing Point (°C and °F) : N/A  
 Relative Density : 0.82  
 Vapor Pressure : 5.878 kpa (at 20°C)  
 Vapor Density : 1.59 (air = 1)  
 Volatility : Not determined  
 Evaporation Rate : Not determined  
 Viscosity : 6~9 mPa · s/25°C  
 Pour Point (°C and °F) : Not determined  
 Solubility : Mixed

### 10: Stability and Reactivity

Chemical Stability : Stable under ordinary conditions of use and storage  
 Hazardous Polymerization : Will not occur.  
 Materials to Avoid : Strong acid, oxidizing agent.  
 Hazardous Decomposition Products : Carbon monoxide.

### 11: Toxicological Information

#### Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Ethanol	N/A	rat(oral)	7060 mg/kg	N/A
2-propanol	N/A	rat(oral)	5040 mg/kg	N/A

#### Chronic Toxicity

Conclusion/Summary : No further relevant information available

#### Irritation/Corrosion

Conclusion/Summary : Cause serious eye irritation

#### Sensitizer

Conclusion/Summary : No sensitizing effects known

#### Carcinogenicity

Conclusion/Summary : None of the ingredients are listed by NTP, IARC or OSHA as carcinogens.

#### Classification

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
N/A	N/A	N/A	N/A	N/A	N/A	N/A

#### Mutagenicity

Conclusion/Summary : No data identified on mutagenicity

#### Teratogenicity

Conclusion/Summary : No teratogenic effects

#### Reproductive Toxicity

Conclusion/Summary : No data identified. None of the ingredients are considered reproductive toxicants.

### 12: Ecological Information\*

#### Environmental Effects

##### Aquatic Ecotoxicity

Conclusion/Summary : No data identified

##### Biodegradability

Conclusion/Summary : No data identified

Other Adverse Effects : No data identified

### 13: Disposal Considerations\*

Waste Disposal : When discarding, in accordance with an industrial-waste-treatment standard, it destroys by fire. In outsourcing, it specifies that it is waste oil (flammable), and it commissions it to the industrial waste treatment company who obtained permission of authorities

Additional References/Details : No further relevant information available

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## 14: Transport Information\*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	N/A	N/A	N/A	N/A	N/A	N/A
DOT Classification	N/A	N/A	N/A	N/A	N/A	N/A

Special Precautions : Not applicable

## 15: Regulatory Information\*

### United States

HCS Classification : 29 CER 1910.1200

### Canada

WHMIS Classification : Not available

### International Regulations

Canada Inventory : Not available

United States Inventory (TSCA 8b) : Not available

Europe Inventory : Not available

### Additional Regulatory Statements

: Not available

## 16: Other Information

Hazardous Material Information System (United States) : N/A

National Fire Protection Association : N/A

Additional References : N/A

Date of Original Issue : N/A

Date of Current Revision : 05-11-2015

Name of Responsible Party : Beifa

Contact for Copies of SDS : N/A

Additional Comments/Notices : N/A