

SAFETY DATA SHEET (SDS)



PF61XX Series; xx=02, 20, 40, 41, 50, 52, 72 (various colours)

1: Product and Manufacturer Identification

Product Name : PF61XX Series; xx=02, 20, 40, 41, 50, 52, 72 (various colours)
 Product Code / Other Names : ITA36180, ITA33321, ITA33322, ITA33325, ITA30001, ITA36182, ITA36183
 Material Uses : Ink
 Manufacturer Name : Belfa 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 : Fluid
 Odor : Product specific
 WHMIS Status (Canada) : Not available
 Hazard Statements or Symbols : Not available
 OSHA/HCS Status (USA) : Not available
 Hazard Statements or Symbols : May cause damage to the kidneys through prolonged or repeated exposure.
 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 : Not available

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	%
ethanediol	107-21-1	10-25%

Additional Composition Details : No information available

4: First-aid Measures

Eye Contact : Rinse opened eye for several minutes under running water.
 Skin Contact : Generally the product does not irritate the skin
 Inhalation : Supply fresh air; consult doctor in case of complaints.
 Ingestion : If symptoms persist consult doctor.
 Protection for First-aid Providers : No information available
 Notes to Physician : No information available

5: Fire-fighting Measures

Flammability of the Product : No information available

Extinguishing Media/Methods

Suitable : CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 Not Suitable : No information available
 Special Exposure Hazards : No information available
 Products of Combustion : No information available
 Special Protective Equipment Needed for : No special measures required.
 Special Remarks on Fire Hazards : No information available
 Special Remarks on Explosion Hazards : No information available

6: Accidental Release Measures

Personal Precautions : Wear protective clothing
 Protective Equipment : Wear protective clothing
 Environmental Precautions : Dilute with plenty of water. Do not allowed to enter sewers/surface waters/groundwater.

Cleaning / Containing

Small Spill : Absorb with liquid -binding material (sand, diatomite, acid binders, universal binders, sawdust.
 Large Spill : Absorb with liquid -binding material (sand, diatomite, acid binders, universal binders, sawdust.

7: Handling and Storage

Safe Handling Precautions : No special measures required. Ensure good ventilation /exhaustion at the workplace
 Safe Storage Precautions : No information available

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
N/A	N/A

Recommended Monitoring Procedures : Need to have monitoring at work place
 Engineering Measures : No information available
 Hygiene Measures : As follows



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PF61XX Series; xx=02, 20, 40, 41, 50, 52, 72 (various colours)

Personal Protection

- Respiratory : Not required breathing equipment
- Hands : Wear protective gloves
- Eyes : Goggles recommended during refilling
- Skin : No information available
- Environmental Exposure Controls : No information available

9: Physical and Chemical Properties

- Physical State : Fluid
- Flash Point (°C and °F) : >60°C
- Auto-ignition Temperature (°C and °F) : Product is not selfigniting
- Flammable Limits : Not applicable
- Color : Various colors
- Odor : Product specific
- Odor Threshold : Not determined
- pH : >5 at 20°C
- Boiling/Condensing Point (°C and °F) : 100°C
- Melting/Freezing Point (°C and °F) : undetermined
- Relative Density : Not determined
- Vapor Pressure : at 20°C 23hpa(17mm Hg)
- Vapor Density : Not determined
- Volatility : Not determined
- Evaporation Rate : Not determined
- Viscosity : Dynamic at 20°C 6mpas
Kinematic at 20°C 5s(DIN 53211/4)
- Pour Point (°C and °F) : Not determined
- Solubility : Fully miscible

10: Stability and Reactivity

- Chemical Stability : No further relevant information available
- Hazardous Polymerization : No further relevant information available
- Materials to Avoid : No further relevant information available
- Hazardous Decomposition Products : No dangerous decomposition products known

11: Toxicological Information

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure

Chronic Toxicity

- Conclusion/Summary : No further relevant information available

Irritation/Corrosion

- Conclusion/Summary : No irritating effects

Sensitizer

- Conclusion/Summary : No sensitizing effects known

Carcinogenicity

- Conclusion/Summary : No carcinogenic effects

Classification

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA

Mutagenicity

- Conclusion/Summary : No mutagenic effects

Teratogenicity

- Conclusion/Summary : No teratogenic effects

Reproductive Toxicity

- Conclusion/Summary : No reproductive toxic effects

12: Ecological Information*

Environmental Effects

Aquatic Ecotoxicity

- Conclusion/Summary : Slightly hazardous for water

Biodegradability

- Conclusion/Summary : No further relevant information available

Other Adverse Effects

- : No further relevant information available

13: Disposal Considerations*

- Waste Disposal : Smaller quantities can be disposed of with household waste. Disposal must be made according to official regulations.
- Additional References/Details : No further relevant information available

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	void	void	void	void	void	void
DOT Classification	void	void	void	void	void	void

- Special Precautions : Not applicable

15: Regulatory Information*

United States

- HCS Classification : Not applicable

Canada

- WHMIS Classification : Not applicable

International Regulations

- Canada Inventory : Not applicable

SAFETY DATA SHEET (SDS)



PF61XX Series; xx=02, 20, 40, 41, 50, 52, 72 (various colours)

United States Inventory (TSCA 8b) : All of the ingredient are listed
Europe Inventory : Not applicable

Additional Regulatory Statements : Not applicable

16: Other Information

Hazardous Material Information System (United States) : Health: 0 Fire: 2 Reactivity: 0

National Fire Protection Association : Health: 0 Fire: 2 Reactivity: 0

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



SAFETY DATA SHEET (SDS)

29-97-A1 fluorescent yellow

1: Product and Manufacturer Identification

Product Name : 29-97-A1 fluorescent yellow
 Product Code / Other Names : BSN37533,ITA30004,ITA36181
 Material Uses : Ink
 Manufacturer Name : Beifa Group Co.,Ltd
 Street Address : NO.298 Jangnan Road (east)
 City, State, Province : Bellun, Ningbo, Zhejiang Province.
 Country & Post Code : China

Emergency Contacts : 86-574-5678-6533

2: Hazard(s) Identification

Physical State : Fluid
 Odor : Product specific
 WHMIS Status (Canada) : Not available
 Hazard Statements or Symbols : Not available
 OSHA/HCS Status (USA) : Not available
 Hazard Statements or Symbols : Not available
 Emergency Overview : Not available
 Possible Routes of Entry : Not available

Potential Acute Health Effects

Inhalation : Not available
 Ingestion : Not available
 Skin Contact : No irritation effect
 Eye Contact : No irritation effect

Potential Chronic Health Effects

Chronic Effects : No chronic effects
 Carcinogenicity : No carcinogenicity effects
 Mutagenicity : No mutagenicity effects
 Teratogenicity : No teratogenicity 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	%
potassium carbonate	584-08-7	10-25%

Additional Composition Details : No information available

4: First-aid Measures

Eye Contact : Rinse opened eye for several minutes under running water.
 Skin Contact : Generally the product does not irritate the skin
 Inhalation : Supply fresh air; consult doctor in case of complaints.
 Ingestion : If symptoms persist consult doctor.
 Protection for First-aid Providers : No information available
 Notes to Physician : No information available

5: Fire-fighting Measures

Flammability of the Product : No information available

Extinguishing Media/Methods

Suitable : Use fire fighting measures that suit the environment.
 Not Suitable : N/A
 Special Exposure Hazards : No information available
 Products of Combustion : No information available
 Special Protective Equipment Needed for : No special measures required.
 Special Remarks on Fire Hazards : No information available
 Special Remarks on Explosion Hazards : No information available

6: Accidental Release Measures

Personal Precautions : Wear protective clothing
 Protective Equipment : Wear protective clothing
 Environmental Precautions : Dilute with plenty of water. Do not allowed to enter sewers/surface waters/groundwater.

Cleaning / Containing

Small Spill : Absorb with liquid -binding material (sand,diatomite, acid binders, universal binders, sawdust.
 Large Spill : Absorb with liquid -binding material (sand,diatomite, acid binders, universal binders, sawdust.

7: Handling and Storage

Safe Handling Precautions : No special measures required. Ensure good ventilation /exhaustion at the workplace
 Safe Storage Precautions : No information available

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
N/A	N/A

Recommended Monitoring Procedures : Need to have monitoring at work place
 Engineering Measures : No information available
 Hygiene Measures : As follows



SAFETY DATA SHEET (SDS)

29-97-A1 fluorescent yellow

Personal Protection

- Respiratory : Not required breathing equipment
- Hands : Wear protective gloves
- Eyes : Goggles recommended during refilling
- Skin : No information available
- Environmental Exposure Controls : No information available

9: Physical and Chemical Properties

- Physical State : Fluid
- Flash Point (°C and °F) : 160°C
- Auto-ignition Temperature (°C and °F) : Product is not selfigniting
- Flammable Limits : Not applicable
- Color : Yellow
- Odor : Product specific
- Odor Threshold : Not determined
- pH : 11 at 20°C
- Bolling/Condensing Point (°C and °F) : undetermined
- Melting/Freezing Point (°C and °F) : undetermined
- Relative Density : Not determined
- Vapor Pressure : at 20°C 23hpa(17mm Hg)
- Vapor Density : Not determined
- Volatility : Not determined
- Evaporation Rate : Not determined
- Viscosity : Dynamic at 20°C 3mpas
- Pour Point (°C and °F) : Not determined
- Solubility : Fully miscible

10: Stability and Reactivity

- Chemical Stability : No further relevant information available
- Hazardous Polymerization : No further relevant information available
- Materials to Avoid : No further relevant information available
- Hazardous Decomposition Products : No dangerous decomposition products known

11: Toxicological Information

Product/Ingredient Name	Result	Species	Dose	Exposure
N/A	N/A	N/A	N/A	N/A

Chronic Toxicity

- Conclusion/Summary : No further relevant information available

Irritation/Corrosion

- Conclusion/Summary : No irritating effects

Sensitizer

- Conclusion/Summary : No sensitizing effects known

Carcinogenicity

- Conclusion/Summary : No carcinogenic effects

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 mutagenic effects

Teratogenicity

- Conclusion/Summary : No teratogenic effects

Reproductive Toxicity

- Conclusion/Summary : No reproductive toxic effects

12: Ecological Information*

Environmental Effects

Aquatic Ecotoxicity

- Conclusion/Summary : Slightly hazardous for water

Biodegradability

- Conclusion/Summary : No further relevant information available

Other Adverse Effects

- Conclusion/Summary : No further relevant information available

13: Disposal Considerations*

- Waste Disposal : Smaller quantities can be disposed of with household waste. Disposal must be made according to official regulations.
- Additional References/Details : No further relevant information available

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	void	void	void	void	void	void
DOT Classification	void	void	void	void	void	void

- Special Precautions : Not applicable

15: Regulatory Information*

United States

- HCS Classification : Not applicable

Canada

- WHMIS Classification : Not applicable

International Regulations

- Canada Inventory : Not applicable

SAFETY DATA SHEET (SDS)



29-97-A1 fluorescent yellow

United States Inventory (TSCA 8b) : All of the ingredient are listed
Europe Inventory : Not applicable

Additional Regulatory Statements : Not applicable

16: Other Information

Hazardous Material Information System (United States) : Health: 0 Fire: 1 Reactivity: 0

National Fire Protection Association : Health: 0 Fire: 1 Reactivity: 0

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



SAFETY DATA SHEET (SDS)

CF 5810 green

1: Product and Manufacturer Identification

Product Name : CF 5810 green
 Product Code / Other Names : ITA36185,ITA33324
 Material Uses : Ink
 Manufacturer Name : Belfa 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 : Fluid
 Odor : Product specific
 WHMIS Status (Canada) : Not available
 Hazard Statements or Symbols : Not available
 OSHA/HCS Status (USA) : Not available
 Hazard Statements or Symbols : Not available
 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 : Not available

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	%
sodium carbonate	497-19-8	2.5-10

Additional Composition Details : No information available

4: First-aid Measures

Eye Contact : Rinse opened eye for several minutes under running water.
 Skin Contact : Generally the product does not irritate the skin
 Inhalation : Supply fresh air; consult doctor in case of complaints.
 Ingestion : If symptoms persist consult doctor.
 Protection for First-aid Providers : No information available
 Notes to Physician : No information available

5: Fire-fighting Measures

Flammability of the Product : No information available

Extinguishing Media/Methods

Suitable : CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 Not Suitable : No information available
 Special Exposure Hazards : No information available
 Products of Combustion : No information available
 Special Protective Equipment Needed for : No special measures required.
 Special Remarks on Fire Hazards : No information available
 Special Remarks on Explosion Hazards : No information available

6: Accidental Release Measures

Personal Precautions : Wear protective clothing
 Protective Equipment : Wear protective clothing
 Environmental Precautions : Dilute with plenty of water. Do not allowed to enter sewers/surface waters/groundwater.

Cleaning / Containing

Small Spill : Absorb with liquid -binding material (sand,diatomite, acid binders, universal binders, sawdust.
 Large Spill : Absorb with liquid -binding material (sand,diatomite, acid binders, universal binders, sawdust.

7: Handling and Storage

Safe Handling Precautions : No special measures required. Ensure good ventilation /exhaustion at the workplace
 Safe Storage Precautions : No information available

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
N/A	N/A

Recommended Monitoring Procedures : No need to have monitoring at work place
 Engineering Measures : No information available
 Hygiene Measures : As follows

SAFETY DATA SHEET (SDS)



CF 5810 green

Personal Protection

- Respiratory : Not required breathing equipment
- Hands : Wear protective gloves
- Eyes : Goggles recommended during refilling
- Skin : No information available
- Environmental Exposure Controls : No information available

9: Physical and Chemical Properties

- Physical State : Fluid
- Flash Point (°C and °F) : Not applicable
- Auto-ignition Temperature (°C and °F) : Product is not selfigniting
- Flammable Limits : Not applicable
- Color : Green
- Odor : Product specific
- Odor Threshold : Not determined
- pH : Not determined
- Boiling/Condensing Point (°C and °F) : 100°C
- Melting/Freezing Point (°C and °F) : undetermined
- Relative Density : Not determined
- Vapor Pressure : at 20°C 23hpa(17mm Hg)
- Vapor Density : Not determined
- Volatility : Not determined
- Evaporation Rate : Not determined
- Viscosity : Not determined
- Pour Point (°C and °F) : Not determined
- Solubility : Fully miscible

10: Stability and Reactivity

- Chemical Stability : No further relevant information available
- Hazardous Polymerization : No further relevant information available
- Materials to Avoid : No further relevant information available
- Hazardous Decomposition Products : No dangerous decomposition products known

11: Toxicological Information

Acute Toxicity	Result	Species	Dose	Exposure
Product/Ingredient Name	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

Chronic Toxicity

- Conclusion/Summary : No further relevant information available

Irritation/Corrosion

- Conclusion/Summary : No irritating effects

Sensitizer

- Conclusion/Summary : No sensitizing effects known

Carcinogenicity

- Conclusion/Summary : No carcinogenic effects

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 mutagenic effects

Teratogenicity

- Conclusion/Summary : No teratogenic effects

Reproductive Toxicity

- Conclusion/Summary : No reproductive toxic effects

12: Ecological Information*

Environmental Effects

- Aquatic Ecotoxicity**
Conclusion/Summary : Slightly hazardous for water
- Biodegradability**
Conclusion/Summary : No further relevant information available
- Other Adverse Effects : No further relevant information available

13: Disposal Considerations*

- Waste Disposal : Smaller quantities can be disposed of with household waste. Disposal must be made according to official regulations.
- Additional References/Details : No further relevant information available

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	void	void	void	void	void	void
DOT Classification	void	void	void	void	void	void

- Special Precautions : Not applicable

15: Regulatory Information*

- United States**
HCS Classification : Not applicable
- Canada**
WHMIS Classification : Not applicable
- International Regulations**
Canada Inventory : Not applicable

SAFETY DATA SHEET (SDS)



CF 5810 green

United States Inventory (TSCA 8b) : All of the ingredient are listed
Europe Inventory : Not applicable

Additional Regulatory Statements : Not applicable

16: Other Information

Hazardous Material Information System (United States) : Health: 0 Fire: 0 Reactivity: 0

National Fire Protection Association : Health: 0 Fire: 0 Reactivity: 0

Additional References : N/A

Date of Original Issue : N/A

Date of Current Revision : 05-11-2015

Name of Responsible Party : Belfa

Contact for Copies of SDS : N/A

Additional Comments/Notices : N/A