

# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** highlighter Ink /CL 1906-orange Orange

**Substance/Mixture:**Mixture/preparation

**Form:**Fluid

### Relevant identified uses advised against

**Identified uses:** Laboratory chemicals, Manufacture of the substance/mixture

### Product type:

### Manufacturer /Supplier:

Ningbo Beilun LongHai Stationery Co. Ltd.

No.58 Pujiang Road. Ningbo,China

Phone :86-574—86220591

Fax: 86-574—86220591

### Further information obtainable from:

Technical service ,

TEL.:86-574—86220591

Mobile : 86-13486075294

### Information in case of emergency:

TEL.:86-13486075294

## 2. Hazards identification

### Classification of the mixture:

Classification: The mixture is not classified according European Regulation CLP N °1272/2008 /EC with its adaptation.

### Label elements:

No marking according Regulation CLP N °1272/2008/EC.

### Others Hazard:

There is not having other hazard classification information about the mixture for present knowledge.

## 3. Composition /information on ingredients

### Chemical characterization

Mixture of the following substances: containing non-hazardous substances and coloring pigments.

**Description:** The following material classification according to 1999/45/EC and CLP N °1272/2008/EC

Components:					
EINECS/ELINCS	CAS	Common Name	1999/45/EC	CLP	Cone
200-289-5	56-81-5	glycerol	Not classified	Not classified	10-15%
203-473-3	107-21-1	Ethylene glycol	Not classified	Not classified	1-2%
231-791-2	7732-18-5	water	Not classified	Not classified	60-80%
221-326-1	3068-39-1	C.I. 45161	Not classified	Not classified	0.1-0.5%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) always refers to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting. Call a doctor immediately

#### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Foam. Powders

**Not suitable extinguishing media:** If there is a fire close by using suitable extinguishing agent

**Specific hazards:** During combustion, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking.

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

#### 7. Handling and storage

**Handing:**

**Technical measures:** Vapors extraction at source. Material and equipment suitable for use with strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product. Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

**Storage:**

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust.

#### 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapors at their source

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:, Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

### General Information

**Form :** Fluid

**Color :** orange

**Odour:** watery slightly

**Ignition temperature:**  $>287^{\circ}\text{C}$

**Self-igniting:** Not determined

**Danger of explosion:** product does not present an explosion hazard

**Vapour density (air=1):** greater than 1

### Solubility

**in water :** Miscible (in all proportions)

**in organic solvents:** Miscible (in all proportions) with: glycerol

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

### Hazardous reactions:

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

### Hazardous decomposition

**Products:** On combustion or on thermal decomposition

## 11. Toxicological information

**Acute toxicity:** Vapors may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea. vomiting. Central Nervous, System depressant,

On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or Prolonged contact may cause slight, irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

## 12. Ecological information

**Ecotoxicity:** Effects on the aquatic environment: Glycol

May causes adverse effects to the aquatic environment.

## 13. Disposal considerations

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations.

**Destruction/disposal:** Destroy at an authorized site.

**Note:** The user's attention is drawn to the possible existence of specific European, national or local regulations

regarding disposal

#### **14. Transport information**

**International regulations:** Not regulated

#### **15. Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Do not have any information

**Chemical safety assessment**

“No safety chemical assessment has been carried out for the mixture”.

#### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet was prepared in accordance with Regulation (EC) 1272/2008 (Regulation on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006).

# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

**Product details****Trade name:** highlighter Ink /CL 1905-pink Pink**Substance/Mixture:**Mixture/preparation**Form:**Fluid**Relevant identified uses advised against****Identified uses:** Laboratory chemicals, Manufacture of the substance/mixture**Product type:****Manufacturer /Supplier:**

Ningbo Beilun LongHai Stationery Co. Ltd.

No.58 Pujiang Road. Ningbo,China

Phone :86-574—86220591

Fax: 86-574—86220591

**Further information obtainable from:**

Technical service ,

TEL.:86-574—86220591

Mobile : 86-13486075294

**Information in case of emergency:**

TEL.:86-13486075294

## 2. Hazards identification

**Classification of the mixture:**

Classification: The mixture is not classified according European Regulation CLP N °1272/2008 /EC with its adaptation.

**Label elements:**

No marking according Regulation CLP N °1272/2008/EC.

**Others Hazard:**

There is not having other hazard classification information about the mixture for present knowledge.

## 3. Composition /information on ingredients

**Chemical characterization**

Mixture of the following substances: containing non-hazardous substances and coloring pigments.

**Description:** The following material classification according to 1999/45/EC and CLP N °1272/2008/EC

<b>Components:</b>					
EINECS/ELINCS	CAS	Common Name	1999/45/EC	CLP	Cone
200-289-5	56-81-5	glycerol	Not classified	Not classified	15-20%
203-473-3	107-21-1	Ethylene glycol	Not classified	Not classified	1-2%
231-791-2	7732-18-5	water	Not classified	Not classified	50-80%
221-326-1	3068-39-1	C.I. 45161	Not classified	Not classified	0.2-1%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) always refers to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting. Call a doctor immediately

#### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Foam. Powders

**Not suitable extinguishing media:** If there is a fire close by using suitable extinguishing agent

**Specific hazards:** During combustion, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking.

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

#### 7. Handling and storage

**Handing:**

**Technical measures:** Vapors extraction at source. Material and equipment suitable for use with strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product. Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

**Storage:**

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust.

#### 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapors at their source

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:, Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

### General Information

**Form :** Fluid

**Color :** pink

**Odour:** watery slightly

**Ignition temperature:**  $>287^{\circ}\text{C}$

**Self-igniting:** Not determined

**Danger of explosion:** product does not present an explosion hazard

**Vapour density (air=1):** greater than 1

### Solubility

**in water :** Miscible (in all proportions)

**in organic solvents:** Miscible (in all proportions) with: glycerol

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

**Hazardous reactions:**

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition**

**Products:** On combustion or on thermal decomposition

## 11. Toxicological information

**Acute toxicity:** Vapors may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea, vomiting, Central Nervous, System depressant,

On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or Prolonged contact may cause slight, irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

## 12. Ecological information

**Ecotoxicity:** Effects on the aquatic environment: Glycol

May causes adverse effects to the aquatic environment.

## 13. Disposal considerations

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations.

**Destruction/disposal:** Destroy at an authorized site.

**Note:** The user's attention is drawn to the possible existence of specific European, national or local regulations

regarding disposal

#### **14. Transport information**

**International regulations:** Not regulated

#### **15. Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Do not have any information

**Chemical safety assessment**

“No safety chemical assessment has been carried out for the mixture”.

#### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet was prepared in accordance with Regulation (EC) 1272/2008 (Regulation on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006).



# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** highlighter Ink /CL 1804-violet Violet

**Substance/Mixture:**Mixture/preparation

**Form:**Fluid

### Relevant identified uses advised against

**Identified uses:** Laboratory chemicals, Manufacture of the substance/mixture

### Product type:

### Manufacturer /Supplier:

Ningbo Beilun LongHai Stationery Co. Ltd.

No.58 Pujiang Road. Ningbo,China

Phone :86-574—86220591

Fax: 86-574—86220591

### Further information obtainable from:

Technical service ,

TEL.:86-574—86220591

Mobile : 86-13486075294

### Information in case of emergency:

TEL.:86-13486075294

## 2. Hazards identification

### Classification of the mixture:

Classification: The mixture is not classified according European Regulation CLP N °1272/2008 /EC with its adaptation.

### Label elements:

No marking according Regulation CLP N °1272/2008/EC.

### Others Hazard:

There is not having other hazard classification information about the mixture for present knowledge.

## 3. Composition /information on ingredients

### Chemical characterization

Mixture of the following substances: containing non-hazardous substances and coloring pigments.

**Description:** The following material classification according to 1999/45/EC and CLP N °1272/2008/EC

Components:					
EINECS/ELINCS	CAS	Common Name	1999/45/EC	CLP	Cone
200-289-5	56-81-5	glycerol	Not classified	Not classified	10-15%
203-473-3	107-21-1	Ethylene glycol	Not classified	Not classified	1-2%
231-791-2	7732-18-5	water	Not classified	Not classified	50-80%
215-536-8	1330-38-7	CI 74180	Not classified	Not classified	0.1-0.2%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) always refers to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting. Call a doctor immediately

#### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Foam. Powders

**Not suitable extinguishing media:** If there is a fire close by using suitable extinguishing agent

**Specific hazards:** During combustion, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking.

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

#### 7. Handling and storage

**Handing:**

**Technical measures:** Vapors extraction at source. Material and equipment suitable for use with strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product. Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

**Storage:**

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust.

#### 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapors at their source

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:, Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

### General Information

**Form :** Fluid

**Color :** violet

**Odour:** watery slightly

**Ignition temperature:**  $>287^{\circ}\text{C}$

**Self-igniting:** Not determined

**Danger of explosion:** product does not present an explosion hazard

**Vapour density (air=1):** greater than 1

### Solubility

**in water :** Miscible (in all proportions)

**in organic solvents:** Miscible (in all proportions) with: glycerol

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

**Hazardous reactions:**

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition**

**Products:** On combustion or on thermal decomposition

## 11. Toxicological information

**Acute toxicity:** Vapors may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea. vomiting. Central Nervous, System depressant,

On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or Prolonged contact may cause slight, irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

## 12. Ecological information

**Ecotoxicity:** Effects on the aquatic environment: Glycol

May causes adverse effects to the aquatic environment.

## 13. Disposal considerations

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations.

**Destruction/disposal:** Destroy at an authorized site.

**Note:** The user's attention is drawn to the possible existence of specific European, national or local regulations

regarding disposal

#### **14. Transport information**

**International regulations:** Not regulated

#### **15. Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Do not have any information

**Chemical safety assessment**

“No safety chemical assessment has been carried out for the mixture”.

#### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet was prepared in accordance with Regulation (EC) 1272/2008 (Regulation on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006).

# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** highlighter Ink /CL 1801-yellow Yellow

**Substance/Mixture:**Mixture/preparation

**Form:**Fluid

### Relevant identified uses advised against

**Identified uses:** Laboratory chemicals, Manufacture of the substance/mixture

### Product type:

### Manufacturer /Supplier:

Ningbo Beilun LongHai Stationery Co. Ltd.

No.58 Pujiang Road. Ningbo,China

Phone :86-574—86220591

Fax: 86-574—86220591

### Further information obtainable from:

Technical service ,

TEL.:86-574—86220591

Mobile : 86-13486075294

### Information in case of emergency:

TEL.:86-13486075294

## 2. Hazards identification

### Classification of the mixture:

Classification: The mixture is not classified according European Regulation CLP N °1272/2008 /EC with its adaptation.

### Label elements:

No marking according Regulation CLP N °1272/2008/EC.

### Others Hazard:

There is not having other hazard classification information about the mixture for present knowledge.

## 3. Composition /information on ingredients

### Chemical characterization

Mixture of the following substances: containing non-hazardous substances and coloring pigments.

**Description:** The following material classification according to 1999/45/EC and CLP N °1272/2008/EC

Components:					
EINECS/ELINCS	CAS	Common Name	1999/45/EC	CLP	Cone
200-289-5	56-81-5	glycerol	Not classified	Not classified	10-15%
203-473-3	107-21-1	Ethylene glycol	Not classified	Not classified	1-2%
231-791-2	7732-18-5	water	Not classified	Not classified	50-80%
228-783-6	6358-69-6	CI 59040	Not classified	Not classified	0.1-0.5%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) always refers to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting. Call a doctor immediately

#### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Foam. Powders

**Not suitable extinguishing media:** If there is a fire close by using suitable extinguishing agent

**Specific hazards:** During combustion, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking.

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

#### 7. Handling and storage

**Handing:**

**Technical measures:** Vapors extraction at source. Material and equipment suitable for use with strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product. Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

**Storage:**

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust.

#### 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapors at their source

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:, Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

### General Information

**Form :** Fluid

**Color :** yellow

**Odour:** watery slightly

**Ignition temperature:**  $>287^{\circ}\text{C}$

**Self-igniting:** Not determined

**Danger of explosion:** product does not present an explosion hazard

**Vapour density (air=1):** greater than 1

### Solubility

**in water :** Miscible (in all proportions)

**in organic solvents:** Miscible (in all proportions) with: glycerol

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

**Hazardous reactions:**

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition**

**Products:** On combustion or on thermal decomposition

## 11. Toxicological information

**Acute toxicity:** Vapors may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea. vomiting. Central Nervous, System depressant,

On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or Prolonged contact may cause slight, irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

## 12. Ecological information

**Ecotoxicity:** Effects on the aquatic environment: Glycol

May causes adverse effects to the aquatic environment.

## 13. Disposal considerations

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations.

**Destruction/disposal:** Destroy at an authorized site.

**Note:** The user's attention is drawn to the possible existence of specific European, national or local regulations

regarding disposal

#### **14. Transport information**

**International regulations:** Not regulated

#### **15. Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Do not have any information

**Chemical safety assessment**

“No safety chemical assessment has been carried out for the mixture”.

#### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet was prepared in accordance with Regulation (EC) 1272/2008 (Regulation on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006).



# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** highlighter Ink /CL 1803-blue Blue

**Substance/Mixture:**Mixture/preparation

**Form:**Fluid

### Relevant identified uses advised against

**Identified uses:** Laboratory chemicals, Manufacture of the substance/mixture

### Product type:

### Manufacturer /Supplier:

Ningbo Beilun LongHai Stationery Co. Ltd.

No.58 Pujiang Road. Ningbo,China

Phone :86-574—86220591

Fax: 86-574—86220591

### Further information obtainable from:

Technical service ,

TEL.:86-574—86220591

Mobile : 86-13486075294

### Information in case of emergency:

TEL.:86-13486075294

## 2. Hazards identification

### Classification of the mixture:

Classification: The mixture is not classified according European Regulation CLP N °1272/2008 /EC with its adaptation.

### Label elements:

No marking according Regulation CLP N °1272/2008/EC.

### Others Hazard:

There is not having other hazard classification information about the mixture for present knowledge.

## 3. Composition /information on ingredients

### Chemical characterization

Mixture of the following substances: containing non-hazardous substances and coloring pigments.

**Description:** The following material classification according to 1999/45/EC and CLP N °1272/2008/EC

Components:					
EINECS/ELINCS	CAS	Common Name	1999/45/EC	CLP	Cone
200-289-5	56-81-5	glycerol	Not classified	Not classified	10-15%
203-473-3	107-21-1	Ethylene glycol	Not classified	Not classified	1-2%
231-791-2	7732-18-5	water	Not classified	Not classified	50-80%
215-536-8	1330-38-7	CI 74180	Not classified	Not classified	0.1-0.4%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) always refers to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting. Call a doctor immediately

#### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Foam. Powders

**Not suitable extinguishing media:** If there is a fire close by using suitable extinguishing agent

**Specific hazards:** During combustion, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking.

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

#### 7. Handling and storage

**Handing:**

**Technical measures:** Vapors extraction at source. Material and equipment suitable for use with strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product. Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

**Storage:**

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust.

#### 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapors at their source

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:, Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

### General Information

**Form :** Fluid

**Color :** blue

**Odour:** watery slightly

**Ignition temperature:**  $>287^{\circ}\text{C}$

**Self-igniting:** Not determined

**Danger of explosion:** product does not present an explosion hazard

**Vapour density (air=1):** greater than 1

### Solubility

**in water :** Miscible (in all proportions)

**in organic solvents:** Miscible (in all proportions) with: glycerol

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

**Hazardous reactions:**

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition**

**Products:** On combustion or on thermal decomposition

## 11. Toxicological information

**Acute toxicity:** Vapors may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea. vomiting. Central Nervous, System depressant,

On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or Prolonged contact may cause slight, irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

## 12. Ecological information

**Ecotoxicity:** Effects on the aquatic environment: Glycol

May causes adverse effects to the aquatic environment.

## 13. Disposal considerations

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations.

**Destruction/disposal:** Destroy at an authorized site.

**Note:** The user's attention is drawn to the possible existence of specific European, national or local regulations

regarding disposal

#### **14. Transport information**

**International regulations:** Not regulated

#### **15. Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Do not have any information

**Chemical safety assessment**

“No safety chemical assessment has been carried out for the mixture”.

#### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet was prepared in accordance with Regulation (EC) 1272/2008 (Regulation on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006).

# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** highlighter Ink /CL 1802-green Green

**Substance/Mixture:**Mixture/preparation

**Form:**Fluid

### Relevant identified uses advised against

**Identified uses:** Laboratory chemicals, Manufacture of the substance/mixture

### Product type:

### Manufacturer /Supplier:

Ningbo Beilun LongHai Stationery Co. Ltd.

No.58 Pujiang Road. Ningbo,China

Phone :86-574—86220591

Fax: 86-574—86220591

### Further information obtainable from:

Technical service ,

TEL.:86-574—86220591

Mobile : 86-13486075294

### Information in case of emergency:

TEL.:86-13486075294

## 2. Hazards identification

### Classification of the mixture:

Classification: The mixture is not classified according European Regulation CLP N °1272/2008 /EC with its adaptation.

### Label elements:

No marking according Regulation CLP N °1272/2008/EC.

### Others Hazard:

There is not having other hazard classification information about the mixture for present knowledge.

## 3. Composition /information on ingredients

### Chemical characterization

Mixture of the following substances: containing non-hazardous substances and coloring pigments.

**Description:** The following material classification according to 1999/45/EC and CLP N °1272/2008/EC

Components:					
EINECS/ELINCS	CAS	Common Name	1999/45/EC	CLP	Cone
200-289-5	56-81-5	glycerol	Not classified	Not classified	10-15%
203-473-3	107-21-1	Ethylene glycol	Not classified	Not classified	1-2%
231-791-2	7732-18-5	water	Not classified	Not classified	60-80%
228-783-6	6358-69-6	CI 59040	Not classified	Not classified	0.1-0.3%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) always refers to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting. Call a doctor immediately

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**Not suitable extinguishing media:** If there is a fire close by using suitable extinguishing agent

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