

<b>DARK MAGENTA</b>	MSDS Code Dark Magenta
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
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Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
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<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	28-35	None
CI Pigment Red 122 980-26-7	12-16	None
Polymer(s)	<1	None
Surfactant	<1	None
Glycerol 56-81-5	45-55	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Dark Magenta  
Form: Liquid  
Odor: Slight Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	28-35	N	N	N	N
CI Pigment Red 122 980-26-7	12-16	N	N	N	N
Polymer(s)	<1	N	N	N	N
Surfactant	<1	N	N	N	N
Glycerol 56-81-5	45-55	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	28-35	None Established	None Established
CI Pigment Red 122 980-26-7	12-16	None Established	None Established
Polymer(s)	<1	None Established	None Established
Surfactant	<1	None Established	None Established
Glycerol 56-81-5	45-55	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective  
Equipment

Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory  
Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Dark Magenta  
Odor: Slight Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 8-9

### 10. STABILITY AND REACTIVITY

Stability Data:	Stable
Conditions / Hazards to Avoid:	None anticipated
Incompatibility (Materials to Avoid)	None anticipated
Hazardous Decomposition Products:	Oxides of carbon. Oxides of nitrogen. Metal oxide fumes
Polymerization:	None anticipated
Polymerization – Avoid:	None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	28-35	Not Available	Not Available	Not Available	Not Available
CI Pigment Red 122	12-16	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
Polymer(s)	<1	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	<1	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	45-55	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate:	No data available
Ecotoxicological Information	No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number:	Not Regulated
Disposal of Waste Method:	Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	28-35	No
CI Pigment Red 122 980-26-7	12-16	No
Polymer(s)	<1	No
Surfactant	<1	No
Glycerol 56-81-5	45-55	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....





<b>DARK RED</b>	MSDS Code Dark Red
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
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Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

2. COMPOSITION / INFORMATION ON INGREDIENTS
---

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	28-33	None
CI Pigment Red 170 2786-76-7	15-18	None
Polymer(s)	1-3	None
Surfactant	1-3	None
Glycerol 56-81-5	30-50	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Dark Red  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C: Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.  
Skin Contact: Prolonged or repeated contact causes mild skin irritation.  
Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	28-33	N	N	N	N
CI Pigment Red 170 2786-76-7	15-18	N	N	N	N
Polymer(s)	1-3	N	N	N	N
Surfactant	1-3	N	N	N	N
Glycerol 56-81-5	30-50	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.  
Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	28-33	None Established	None Established
CI Pigment Red 170 2786-76-7	15-18	None Established	None Established
Polymer(s)	1-3	None Established	None Established
Surfactant	1-3	None Established	None Established
Glycerol 56-81-5	30-50	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal  
Protective  
Equipment

Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory  
Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Dark Red  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10

10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	28-33	Not Available	Not Available	Not Available	Not Available
CI Pigment Red 170 2786-76-7	15-18	Not Available	Not Available	Not Available	Not Available
Polymer(s)	1-3	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	1-3	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	30-50	Not Available	Not Available	Not Available	Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	28-33	No
CI Pigment Red 170 2786-76-7	15-18	No
Polymer(s)	1-3	No
Surfactant	1-3	No
Glycerol 56-81-5	30-50	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....

<b>DEEP BLUE</b>	MSDS Code Deep Blue
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	25-30	None
CI Pigment Blue 15 147-14-8	12-17	None
Polyethylene Glycol 600 25322-68-3	1-3	None
Polymer(s)	<1	None
Glycerol 56-81-5	45-55	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.



3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Dark Blue  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	25-30	N	N	N	N
CI Pigment Blue 15 147-14-8	12-17	N	N	N	N
Polyethylene Glycol 600 25322-68-3	1-3	N	N	N	N
Polymer	<1	N	N	N	N
Glycerol 56-81-5	45-55	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	25-30	None Established	None Established
CI Pigment Blue 15 147-14-8	12-17	None Established	None Established
Polyethylene Glycol 600 25322-68-3	1-3	None Established	None Established
Polymer(s)	<1	None Established	None Established
Glycerol 56-81-5	45-55	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation: General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Dark Blue  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity- Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	25-30	Not Available	Not Available	Not Available	Not Available
CI Pigment Blue 15 147-14-8	12-17	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
Polyethylene Glycol 600 25322-68-3	1-3	Not Available	Not Available	Not Available	Not Available
Polymer(s)	<1	Not Available	Not Available	Not Available	Not Available
Glycerol 56-81-5	45-55	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

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US Transportation Regulations:

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Korea: Not Determined

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<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	25-30	No
CI Pigment Blue 15 147-14-8	12-17	No
Polymer(s)	<1	No
Polyethylene Glycol 600 25322-68-3	1-3	No
Glycerol 56-81-5	45-55	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

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US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

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Revision Number: 3

Prepared By: Ink Fixx Ink

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<b>DEEP GREEN</b>	MSDS Code Deep Green
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
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<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	48-53	None
CI Pigment Green 7 1328-53-6	10-15	None
Glycerol 56-81-5	48-53	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Dark Green  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	33-38	N	N	N	N
CI Pigment Green 7 1328-53-6	10-15	N	N	N	N
Glycerol 56-81-5	48-53	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments



#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point °C:	Min: 100
Autoignition Temperature, °C	Not Determined
Lower Explosive Limit, %:	Not Determined
Upper Explosive Limit, %:	Not Determined

Extinguishing Media: Water. Carbon Dioxide. Foam

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.

Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products.  
Keep container closed.  
Keep from freezing.  
Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.  
Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	33-38	None Established	None Established
CI Pigment Green 7 1328-53-6	10-15	1 mg/m <sup>3</sup> (as Cu)	1 mg/m <sup>3</sup> (as Cu)
Glycerol 56-81-5	48-53	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
 Color: Dark Green  
 Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
 Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
 Specific Gravity: Min: 1.0  
 Evaporation Rate: Max: 1  
 Solubility (in water): Dispersible  
 PH: 9 to 10

10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	33-38	Not Available	Not Available	Not Available	Not Available
CI Pigment Green 7 1328-53-6	10-15	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	48-53	Not Available	Not Available	Not Available	Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	33-38	No
CI Pigment Green 7 1328-53-6	10-15	No
Glycerol 56-81-5	48-53	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....

<b>LIGHT BLUE</b>	MSDS Code Light Blue
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	10-20	None
CI Pigment Blue 15 147-14-8	2-3	None
CI Pigment White 6 13463-67-7	15-25	None
Polymer(s)	1-3	None
Surfactant	1-3	None
Glycerol 56-81-5	55-65	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Light Blue  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	10-20	N	N	N	N
CI Pigment Blue 15 147-14-8	2-3	N	N	N	N
CI Pigment White 6 13463-67-7	15-25	N	N	N	N
Polymer(s)	1-3	N	N	N	N
Surfactant	1-3	N	N	N	N
Glycerol 56-81-5	55-65	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	10-20	None Established	None Established
CI Pigment Blue 15 147-14-8	2-3	None Established	None Established
CI Pigment White 6 13463-67-7	15-25	None Established	None Established
Polymer(s)	1-3	None Established	None Established
Surfactant	1-3	None Established	None Established
Glycerol 56-81-5	55-65	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation: General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Light Blue  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	10-20	Not Available	Not Available	Not Available	Not Available
CI Pigment Blue 15 147-14-8	2-3	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment White 6 13463-67-7	15-25	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
Polymer(s)	1-3	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	1-3	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	55-65	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	10-20	No
CI Pigment Blue 15 147-14-8	2-3	No
CI Pigment White 6 13463-67-7	15-25	No
Polymer(s)	1-3	No
Surfactant	1-3	No
Glycerol 56-81-5	55-65	No

SARA 311/312 Hazard Categories:  
Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.

<b>LIGHT GREEN</b>	MSDS Code Light Green
--------------------	-----------------------

NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	20-23	None
CI Pigment Green 7 1328-53-6	1-2	None
CI Pigment Yellow 3 6486-23-3	8-10	None
CI Pigment Yellow 74 6358-31-2	6-8	None
Polymer(s)	2-4	None
Surfactant	1-2	None
Glycerol 56-81-5	55-60	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Light Green  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	20-23	N	N	N	N
CI Pigment Green 7 1328-53-6	1-2	N	N	N	N
CI Pigment Yellow 3 6486-23-3	8-10				
CI Pigment Yellow 74 6358-31-2	6-8				
Polymer(s)	2-4	N	N	N	N
Surfactant	1-2	N	N	N	N
Glycerol 56-81-5	55-60	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	20-23	None Established	None Established
CI Pigment Green 7 1328-53-6	1-2	None Established	None Established
CI Pigment Yellow 3 6486-23-3	8-10	None Established	None Established
CI Pigment Yellow 74 6358-31-2	6-8	None Established	None Established
Polymer(s)	2-4	None Established	None Established
Surfactant	1-2	None Established	None Established
Glycerol 56-81-5	55-60	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Light Green  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10



### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	20-23	Not Available	Not Available	Not Available	Not Available
CI Pigment Green 7 1328-53-6	1-2	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment Yellow 3 6486-23-3	8-10	Not Available	Not Available	Not Available	Not Available
CI Pigment Yellow 74 6358-31-2	6-8	Not Available	Not Available	Not Available	Not Available
Polymer(s)	2-4	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	1-2	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	55-60	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	20-23	No
CI Pigment Green 7 1328-53-6	1-2	No
CI Pigment Yellow 3 6486-23-3	8-10	
CI Pigment Yellow 74 6358-31-2	6-8	
Polymer(s)	2-4	No
Surfactant	1-2	No
Glycerol 56-81-5	55-60	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....

<b>LIGHT MAGENTA</b>	MSDS Code Light Magenta
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	25-30	None
CI Pigment Red 122 980-26-7	12-16	None
CI Pigment White 06 13463-67-7	10-15	None
Polymer(s)	<1	None
Surfactant	<1	None
Glycerol 56-81-5	40-45	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Light Magenta  
Revision Date: 7/10/2003

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview:

Color: Light Magenta  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

#### Potential Health Effects:

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

#### Carcinogenicity:

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	25-35	N	N	N	N
CI Pigment Red 122 980-26-7	12-16	N	N	N	N
CI White 06 13463-67-7	10-15	N	N	N	N
Polymer(s)	<1	N	N	N	N
Surfactant	<1	N	N	N	N
Glycerol 56-81-5	40-45	N	N	N	N

#### Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Light Magenta  
Revision Date: 7/10/2003

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point °C:	Min: 100
Autoignition Temperature, °C	Not Determined
Lower Explosive Limit, %:	Not Determined
Upper Explosive Limit, %:	Not Determined

Extinguishing Media: Water. Carbon Dioxide. Foam

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.

Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products.  
Keep container closed.  
Keep from freezing.  
Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.  
Use adequate ventilation.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Light Magenta  
Revision Date: 7/10/2003

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	25-30	None Established	None Established
CI Pigment Red 122 980-26-7	12-16	None Established	None Established
CI White 06 13463-67-7	10-15	None Established	None Established
Polymer(s)	<1	None Established	None Established
Surfactant	<1	None Established	None Established
Glycerol 56-81-5	40-45	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

### Personal

Protective Equipment      Safety glasses with side shields. Rubber or neoprene gloves.

### Respiratory Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

### Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:                              Liquid  
Color:                             Light Magenta  
Odor:                              Slight Ammonia Odor

Boiling Point, °C:              Min: 100  
Vapor Pressure:                Max: 17.5mm Hg (at 20°C)  
Specific Gravity:                Min: 1.0  
Evaporation Rate:                Max: 1  
Solubility (in water):          Dispersible  
PH:                                 9 to 10

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Light Magenta  
Revision Date: 7/10/2003

## 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

## 11. TOXICOLOGICAL INFORMATION

### Information on Product:

### Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	25-30	Not Available	Not Available	Not Available	Not Available
CI Pigment Red 122 980-26-7	12-16	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI White 06 13463-67-7	10-15	>5.000 MG/KG (RAT)	Not Available	Not Available	Not Available
Polymer(s)	<1	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	<1	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	40-45	Not Available	Not Available	Not Available	Not Available

## 12. ECOLOGICAL INFORMATION

### Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

## 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).



Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Light Magenta  
Revision Date: 7/10/2003

#### 14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

#### 15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	35-50	No
CI Pigment Red 122 980-26-7	30-40	No
CI Pigment White 06 13463-67-7	10-15	No
Polymer(s)	5-15	No
Surfactant	1-10	No
Glycerol 56-81-5	40-45	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Light Magenta  
Revision Date: 7/10/2003

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....



<b>MEDIUM BLUE</b>	MSDS Code Medium Blue
--------------------	-----------------------

NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	35-45	None
CI Pigment Blue 15 147-14-8	17-22	None
CI Pigment White 06 13463-67-7	22-26	None
Polymer(s)	1-3	None
Polyethylene Glycol 600	1-3	None
Glycerol 56-81-5	15-22	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Medium Blue  
Form: Liquid  
Odor: Slight Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	35-45	N	N	N	N
CI Pigment Blue 15 147-14-8	17-22	N	N	N	N
CI Pigment White 06 13463-67-7	22-26	N	N	N	N
Polymer(s)	1-3	N	N	N	N
Polyethylene Glycol 600	1-3	N	N	N	N
Glycerol 56-81-5	15-22	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	35-45	None Established	None Established
CI Pigment Blue 15 147-14-8	17-22	None Established	None Established
CI Pigment White 06 13463-67-7	22-26	None Established	None Established
Polymer(s)	1-3	None Established	None Established
Polyethylene Glycol 600	1-3	None Established	None Established
Glycerol 56-81-5	15-22	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation: General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Medium Blue  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 7-8.5

10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	35-45	Not Available	Not Available	Not Available	Not Available
CI Pigment Blue 15 147-14-8	17-22	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment White 06 13463-67-7	22-26	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
Polymer(s)	1-3	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Polyethylene Glycol 600	1-3	Not Available	Not Available	Not Available	Not Available
Glycerol 56-81-5	15-22	Not Available	Not Available	Not Available	Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).



14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	35-45	No
CI Pigment Blue 15 147-14-8	17-22	No
CI Pigment White 06 13463-67-7	22-26	No
Polymer(s)	1-3	No
Polyethylene Glycol 600	1-3	No
Glycerol 56-81-5	15-22	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....

<b>MEDIUM GREEN</b>	MSDS Code Medium Green
---------------------	------------------------

NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	35-45	None
CI Pigment Green 7 1328-53-6	9-10	None
CI Pigment Yellow 3 6486-23-3	13-18	None
CI Pigment Yellow 74 6358-31-2	10-15	None
Polymer(s)	4-6	None
Surfactant	1-2	None
Glycerol 56-81-5	18-22	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:**

Color: Medium Green  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	35-45	N	N	N	N
CI Pigment Green 7 1328-53-6	9-10	N	N	N	N
CI Pigment Yellow 3 6486-23-3	13-18	N	N	N	N
CI Pigment Yellow 74 6358-31-2	10-15	N	N	N	N
Polymer(s)	4-6	N	N	N	N
Surfactant	1-2	N	N	N	N
Glycerol 56-81-5	18-22	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	35-45	None Established	None Established
CI Pigment Green 7 1328-53-6	9-10	1 mg/m <sup>3</sup> (as Cu)	1 mg/m <sup>3</sup> (as Cu)
CI Pigment Yellow 3 6486-23-3	13-18	None Established	None Established
CI Pigment Yellow 74 6358-31-2	10-15	None Established	None Established
Polymer(s)	4-6	None Established	None Established
Surfactant	1-2	None Established	None Established
Glycerol 56-81-5	18-22	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Medium Green  
Odor: Slight Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	35-45	Not Available	Not Available	Not Available	Not Available
CI Pigment Green 7 1328-53-6	9-10	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment Yellow 3 6486-23-3	13-18	Not Available	Not Available	Not Available	Not Available
CI Pigment Yellow 74 6358-31-2	10-15	Not Available	Not Available	Not Available	Not Available
Polymer(s)	4-6	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	1-2	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	18-22	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	35-45	No
CI Pigment Green 7 1328-53-6	9-10	No
CI Pigment Yellow 3 6486-23-3	13-18	
CI Pigment Yellow 74 6358-31-2	10-15	
Polymer(s)	4-6	No
Surfactant	1-2	No
Glycerol 56-81-5	18-22	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.



VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....

<b>ORANGE</b>	MSDS Code Orange
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	50-60	None
CI Pigment Yellow 194 82199-12-0	3-5	None
CI Pigment Orange 16 6505-28-8	20-25	None
Polymer(s)	1-3	None
Surfactant	1-3	None
Ethanol	3-5	None
Glycerol 56-81-5	<10	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Orange  
Revision Date: 7/10/2003

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview:

Color: Orange  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

#### Potential Health Effects:

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

#### Carcinogenicity:

<u>Ingredient</u>	<u>Weight Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	50-60	N	N	N	N
CI Pigment Yellow 194 82199-12-0	3-5	N	N	N	N
CI Pigment Orange 16 6505-28-8	20-25				
Polymer(s)	1-3	N	N	N	N
Surfactant	1-3	N	N	N	N
Ethanol	3-5	N	N	N	N
Glycerol 56-81-5	<10	N	N	N	N

#### Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Orange  
Revision Date: 7/10/2003

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point °C:	Min: 100
Autoignition Temperature, °C	Not Determined
Lower Explosive Limit, %:	Not Determined
Upper Explosive Limit, %:	Not Determined

Extinguishing Media: Water. Carbon Dioxide. Foam

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.

Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products.  
Keep container closed.  
Keep from freezing.  
Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.  
Use adequate ventilation.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Orange  
Revision Date: 7/10/2003

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	50-60	None Established	None Established
CI Pigment Yellow 194 822199-12-0	3-5	None Established	None Established
CI Pigment Orange 16 6505-28-8	20-25	None Established	None Established
Polymer(s)	1-3	None Established	None Established
Surfactant	1-3	None Established	None Established
Ethanol	3-5	None Established	None Established
Glycerol 56-81-5	<10	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

#### Personal

Protective Equipment      Safety glasses with side shields. Rubber or neoprene gloves.

#### Respiratory Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

#### Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:                              Liquid  
Color:                              Orange  
Odor:                                Slight Ammonia Odor

Boiling Point, °C:              Min: 100  
Vapor Pressure:                Max: 17.5mm Hg (at 20°C)  
Specific Gravity:                Min: 1.0  
Evaporation Rate:              Max: 1  
Solubility (in water):         Dispersible  
PH:                                 9 to 10

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Orange  
Revision Date: 7/10/2003

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	50-60	Not Available	Not Available	Not Available	Not Available
CI Pigment Yellow 194 82199-12-0	3-5	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment Orange 16 6505-28-8	20-25	Not Available	Not Available	Not Available	Not Available
Polymer(s)	1-3	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	1-3	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Ethanol	3-5	>3000 mg/kg (rat)	>39 mg/m <sup>3</sup> (rat)	20 mg/24H	Eye Irritant
Glycerol 56-81-5	<10	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available  
Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS
-----------------------------

US EPA Waste Number: Not Regulated  
 Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

Ink Fixx Ink Material Safety Data Sheet	MSDS Code: Orange Revision Date: 7/10/2003
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14. TRANSPORT INFORMATION
---------------------------

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION
----------------------------

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.  
 Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.  
 Europe: Not Determined  
 Japan: Not Determined  
 Australia: Not Determined  
 Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	50-60	No
CI Pigment Yellow 194 82199-12-0	3-5	No
CI Pigment Orange 19 6505-28-8	20-25	None
Polymer(s)	1-3	No
Surfactant	1-3	No
Ethanol	3-5	No
Glycerol 56-81-5	<10	No

SARA 311/312 Hazard Categories:  
Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

Ink Fixx Ink Material Safety Data Sheet
--

MSDS Code: Orange Revision Date: 7/10/2003
---

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:

WHMIS Classification:

Not Determined

16. OTHER INFORMATION
-----------------------

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....





<b>PINK</b>	MSDS Code Pink
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	10-15	None
CI Pigment Red 170 2786-76-7	3-7	None
CI Pigment White 06 13463-67-7	60	None
Polymer(s)	1-3	None
Surfactant	<1	None
Glycerol 56-81-5	20-30	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Pink  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat, and stomach.

**Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

**Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	10-15	N	N	N	N
CI Pigment Red 170 2786-76-7	3-7	N	N	N	N
CI Pigment White 06 13463-67-7	60	N	N	N	N
Polymer(s)	1-3	N	N	N	N
Surfactant	<1	N	N	N	N
Glycerol 56-81-5	20-30	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

- |                              |                |
|------------------------------|----------------|
| Flash Point °C:              | Min: 100       |
| Autoignition Temperature, °C | Not Determined |
| Lower Explosive Limit, %:    | Not Determined |
| Upper Explosive Limit, %:    | Not Determined |
- Extinguishing Media: Water. Carbon Dioxide. Foam
- Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
- Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

- Wash thoroughly after handling.
- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.
- Use adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	10-15	None Established	None Established
CI Pigment Red 170 2786-76-7	3-7	None Established	None Established
CI Pigment White 06 13463-67-7	60	None Established	None Established
Polymer(s)	1-3	None Established	None Established
Surfactant	<1	None Established	None Established
Glycerol 56-81-5	20-30	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

Personal

Protective Equipment Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Pink  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10

10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	10-15	Not Available	Not Available	Not Available	Not Available
CI Pigment Red 170 2786-76-7	3-7	Not Available	Not Available	Not Available	Not Available
CI Pigment White 06 13463-67-7	60	>5,000 mg/kg (rat)	Not Available	Not Available	Not Available
Polymer(s)	1-3	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	<1	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	20-30	Not Available	Not Available	Not Available	Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	10-15	No
CI Pigment Red 170 2786-76-7	3-7	No
CI Pigment White 06 13463-67-7	60	No
Polymer(s)	1-3	No
Surfactant	<1	No
Glycerol 56-81-5	20-30	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....



<b>WHITE</b>	MSDS Code White
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
---

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

<b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	8-12	None
CI Pigment White 6 13463-67-7	20-25	None
Glycerol 56-81-5	65-70	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: White  
Revision Date: 7/10/2003

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview:

Color: White  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

#### **Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

#### **Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	8-12	N	N	N	N
CI Pigment White 6 13463-97-7	20-25	N	N	N	N
Glycerol 56-81-5	65-70	N	N	N	N

#### Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: White  
Revision Date: 7/10/2003

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point °C: Min: 100  
Autoignition Temperature, °C: Not Determined  
Lower Explosive Limit, %: Not Determined  
Upper Explosive Limit, %: Not Determined

Extinguishing Media: Water. Carbon Dioxide. Foam

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.

Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products.  
Keep container closed.  
Keep from freezing.  
Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.  
Use adequate ventilation.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: White  
Revision Date: 7/10/2003

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	8-12	None Established	None Established
CI Pigment White 6 13463-67-7	20-25	None Established	None Established
Glycerol 56-81-5	65-70	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

#### Personal

Protective  
Equipment

Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory  
Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: White  
Odor: Slight Ammonia Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 9 to 10

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: White  
Revision Date: 7/10/2003

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	8-12	Not Available	Not Available	Not Available	Not Available
CI Pigment White 6 13463-67-7	20-25	>5000 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	65-70	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: White  
Revision Date: 7/10/2003

#### 14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

#### 15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	8-12	No
CI Pigment White 6 13463-67-7	20-25	No
Glycerol 56-81-5	65-70	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: White  
Revision Date: 7/10/2003

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....





**YELLOW**

MSDS Code Yellow

NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	40-50	None
CI Pigment Yellow 3 6486-23-3	10-20	None
Ethanol	5	None
CI Pigment Yellow 74 6358-31-2	10-15	None
Polyethylene Glycol 600	2-4	None
Polymer(s)	1-3	None
Surfactant	1-3	None
Glycerol 56-81-5	15-25	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Yellow  
Revision Date: 7/10/2003

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview:

Color: Yellow  
Form: Liquid  
Odor: Slight Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

#### **Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

#### **Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	40-50	N	N	N	N
CI Pigment Yellow 3 6486-23-3	10-20	N	N	N	N
Ethanol	5	N	N	N	N
CI Pigment Yellow 74 6358-31-2	10-15	N	N	N	N
Polyethylene Glycol 600	2-4	N	N	N	N
Polymer(s)	1-3	N	N	N	N
Surfactant	1-3	N	N	N	N
Glycerol 56-81-5	15-25	N	N	N	N

#### Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Yellow  
Revision Date: 7/10/2003

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point °C: Min: 100  
Autoignition Temperature, °C: Not Determined  
Lower Explosive Limit, %: Not Determined  
Upper Explosive Limit, %: Not Determined

Extinguishing Media: Water. Carbon Dioxide. Foam

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.

Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products.  
Keep container closed.  
Keep from freezing.  
Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.  
Use adequate ventilation.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Yellow  
Revision Date: 7/10/2003

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	40-50	None Established	None Established
CI Pigment Yellow 3 6486-23-3	10-20	None Established	None Established
CI Pigment Yellow 74 6358-31-2	10-15	None Established	None Established
Ethanol	5	None Established	None Established
Polyethylene Glycol 600	2-4	None Established	None Established
Polymer(s)	1-3	None Established	None Established
Surfactant	1-3	None Established	None Established
Glycerol 56-81-5	15-25	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

#### Personal

Protective  
Equipment

Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory  
Protection

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Color: Yellow  
Odor: Slight Odor

Boiling Point, °C: Min: 100  
Vapor Pressure: Max: 17.5mm Hg (at 20°C)  
Specific Gravity: Min: 1.0  
Evaporation Rate: Max: 1  
Solubility (in water): Dispersible  
PH: 8-9

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Yellow  
Revision Date: 7/10/2003

## 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

## 11. TOXICOLOGICAL INFORMATION

### Information on Product:

### Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	40-50	Not Available	Not Available	Not Available	Not Available
CI Pigment Yellow 3 6486-23-3	10-20	Not Available	Not Available	Not Available	Not Available
CI Pigment Yellow 74 6358-31-2	10-15	Not Available	Not Available	Not Available	Not Available
Polyethylene Glycol 600	2-4	Not Available	Not Available	Not Available	Not Available
Polymer(s)	1-3	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Ethanol	3-5	>3000 mg/kg (rat)	>39 mg/m <sup>3</sup> (rat)	20 mg/24H	Eye Irritant
Surfactant	1-3	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	15-25	Not Available	Not Available	Not Available	Not Available

## 12. ECOLOGICAL INFORMATION

### Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Yellow  
Revision Date: 7/10/2003

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated  
 Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

### 14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

### 15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.  
 Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.  
 Europe: Not Determined  
 Japan: Not Determined  
 Australia: Not Determined  
 Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	40-50	No
CI Pigment Yellow 3 6486-23-3	10-20	No
CI Pigment Yellow 74 6358-31-2	10-15	No
Polyethylene Glycol 600	2-4	No
Polymer(s)	1-3	No
Surfactant	1-3	No
Glycerol 56-81-5	15-25	No

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Yellow  
Revision Date: 7/10/2003

SARA 311/312 Hazard Categories:  
Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:

WHMIS Classification:

Not Determined

## 16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....





<b>BLACK</b>	MSDS Code Black
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NFPA Classification:

Health: 1  
Flammability: 0  
Instability: 0  
Special Hazards:

HMIS Classification:

Health: 2\*  
Flammability: 0  
Reactivity: 0  
Personal Protection:

\*Indicates possible inhalation chronic health effects

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
--

Chemical Name: Aqueous Pigment Dispersion

Product Use: Tattoo Ink

Supplier: Ink Fixx, Inc.  
9258 Lazy Lane  
Tampa, Florida 33614  
954-557-2900

2. COMPOSITION / INFORMATION ON INGREDIENTS
---

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Water 7732-18-5	18-22	None
CI Pigment Carbon Black 1333-86-4	27-33	None
Polyethylene Glycol 600	8-12	None
Surfactant	2-3	None
Glycerol 56-81-5	35-40	None

Other Information: Note: The percentage by weight values reported for this product represent approximate formulation values.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Black  
Revision Date: 7/10/2003

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview:

Color: Black  
Form: Liquid  
Odor: Slight Ammonia Odor  
Flash Point, °C Min: 100

**Most Important Hazards:** Causes eye irritation. Prolonged or repeated exposure effects: May cause skin irritation. Causes respiratory tract irritation. May result in dizziness and drowsiness. May cause irritation of the mouth, throat and stomach.

#### **Potential Health Effects:**

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Skin Contact: Prolonged or repeated contact causes mild skin irritation.

Eye Contact: Causes eye irritation

#### **Carcinogenicity:**

<u>Ingredient</u>	<u>Weight Product(%)</u>	<u>NTP (Y/N)</u>	<u>IARC (see notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (see notes)</u>
Water 7732-18-5	18-22	N	N	N	N
CI Pigment Carbon Black 1333-86-4	27-33	N	N	N	N
Polyethylene Glycol 600	8-12	N	N	N	N
Surfactant	2-3	N	N	N	N
Glycerol 56-81-5	35-40	N	N	N	N

#### Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classified as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspended human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: Refer to Potential Health Effects.

Aggravated Medical Conditions: Eye ailments. Dermal ailments

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Black  
Revision Date: 7/10/2003

#### 4. FIRST AID MEASURES

- Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point °C: Min: 100  
Autoignition Temperature, °C: Not Determined  
Lower Explosive Limit, %: Not Determined  
Upper Explosive Limit, %: Not Determined

Extinguishing Media: Water. Carbon Dioxide. Foam

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.

Unusual Fire and Explosive Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.

#### 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products.  
Keep container closed.  
Keep from freezing.  
Avoid breathing vapors. Avoid breathing mist. Avoid contact with eyes, skin and clothing.  
Use adequate ventilation.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Black  
Revision Date: 7/10/2003

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water 7735-18-5	18-22	None Established	None Established
CI Pigment Carbon Black 1333-86-4	27-33	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>
Polyethylene Glycol 600	8-12	None Established	None Established
Surfactant	1-3	None Established	None Established
Glycerol 56-81-5	35-40	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages. (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 DFR Part 1910 Air Contaminants: Final Rule, Jan. 19, 1989.

### Personal

Protective Equipment      Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection      Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation:      General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:      Liquid  
Color:      Black  
Odor:      Slight Ammonia Odor

Boiling Point, °C:      Min: 100  
Vapor Pressure:      Max: 17.5mm Hg (at 20°C)  
Specific Gravity:      Min: 1.0  
Evaporation Rate:      Max: 1  
Solubility (in water):      Dispersible  
PH:      9 to 10

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Black  
Revision Date: 7/10/2003

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions / Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid) None anticipated

Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Metal oxide fumes

Polymerization: None anticipated

Polymerization – Avoid: None anticipated

### 11. TOXICOLOGICAL INFORMATION

Information on Product:

Information of Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity- Oral</u>	<u>Acute Toxicity Inhalation</u>	<u>Acute Toxicity- Dermal</u>	<u>Acute Toxicity- Other</u>
Water 7732-18-5	18-22	Not Available	Not Available	Not Available	Not Available
CI Pigment Carbon Black 1333-86-4	27-33	Not Available	Not Available	Not Available	Not Available
Polyethylene Glycol 600	8-12	27,500 mg/kg (rat)	Not Available	Not Available	Not Available
Surfactant	1-3	2300 mg/kg (rat)	Not Available	Not Available	Not Available
Glycerol 56-81-5	35-40	Not Available	Not Available	Not Available	Not Available

### 12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available

Ecotoxicological Information: No data available

### 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Black  
Revision Date: 7/10/2003

#### 14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

#### 15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada.

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Water 7732-18-5	18-22	No
CI Pigment	27-33	No
Polyethylene Glycol 600	8-12	No
Surfactant	1-3	No
Glycerol 56-81-5	35-40	No

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

Ink Fixx Ink  
Material Safety Data Sheet

MSDS Code: Black  
Revision Date: 7/10/2003

VOC Content: Max: 10 g/L

US State Regulations:

VOC Content (CARB): Max: 10 g/L

Canadian Regulations:  
WHMIS Classification:  
Not Determined

16. OTHER INFORMATION

Revision Number: 3

Prepared By: Ink Fixx Ink

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is correct. Ink Fixx Ink grants license to make unlimited copies for internal use only. End of MSDS.....

