# Water Soluble Block Inks MATERIAL SAFETY DATA SHEET

(For Printing Ink and Related Materials)

Date: July 9, 2014

#### SECTION I

MANUFACTURED BY: Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181 EMERGENCY PHONE: 800-535-5053

PRODUCT CLASS:	TRADE NAME:	MANUFACTURERS CODE:
Water Soluble Ink	Milori Blue	1651

# SECTION II - HAZARDOUS INGREDIENTS

None

N.A.

Blue

## SECTION III - PHYSICAL DATA

Boiling Range: Vapor Density: Liquid Density: Appearance:

Type of Odor: Evaporation Rate: Percent Volatile Wt:

### SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog Special Fire Fighting Procedure: Water may be used to cool container Unusual Fire & Explosion Hazards: None

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

#### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

#### SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

### SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

#### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

## SECTION I

MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181	
EMERGENCY PHONE:	800-535-5053	
<b>PRODUCT CLASS:</b> Water Soluble Ink	<b>TRADE NAME:</b> Sunburst Red	<b>MANUFACTURERS CODE:</b> 1652

SECTION II - HAZARDOUS INGREDIENTS

None

N.A.

Red

## SECTION III - PHYSICAL DATA

Boiling Range:
Vapor Density:
Liquid Density:
Appearance:

Type of Odor: Evaporation Rate: Percent Volatile Wt:

# SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

# SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

## SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

SECTION I

MANUFACTURED BY: Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181 **EMERGENCY PHONE:** 800-535-5053 PRODUCT CLASS: TRADE NAME: MANUFACTURERS CODE: Water Soluble Ink Lemon Yellow 1653

#### SECTION II - HAZARDOUS INGREDIENTS

None

## SECTION III - PHYSICAL DATA

Boiling Range: N.A. Vapor Density: Liquid Density: Appearance:

Yellow

Type of Odor: Evaporation Rate: Percent Volatile Wt:

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

#### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

# SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

## SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

SECTION I

MANUFACTURED BY: Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181 **EMERGENCY PHONE:** 800-535-5053 PRODUCT CLASS: TRADE NAME: MANUFACTURERS CODE: Water Soluble Ink Green 1655

#### SECTION II - HAZARDOUS INGREDIENTS

None

## SECTION III - PHYSICAL DATA

Boiling Range: N.A. Vapor Density: Liquid Density: Appearance:

Green

Type of Odor: Evaporation Rate: Percent Volatile Wt:

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

## SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

## SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

SECTION I

MANUFACTURED BY: Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181 **EMERGENCY PHONE:** 800-535-5053 PRODUCT CLASS: TRADE NAME: MANUFACTURERS CODE: Water Soluble Ink Carnation Red 1656

#### SECTION II - HAZARDOUS INGREDIENTS

None

Red

## SECTION III - PHYSICAL DATA

Boiling Range: N.A. Vapor Density: Liquid Density: Appearance:

Type of Odor: Evaporation Rate: Percent Volatile Wt:

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

#### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

#### SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

### SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

#### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

SECTION I

MANUFACTURED BY:Graphic Chemical & Ink Company<br/>P.O. Box 7027<br/>728 North Yale<br/>Villa Park, IL 60181EMERGENCY PHONE:800-535-5053PRODUCT CLASS:<br/>Water Soluble InkTRADE NAME:<br/>OrangeMANUFACTURERS CODE:<br/>1657

#### SECTION II - HAZARDOUS INGREDIENTS

None

N.A.

## SECTION III - PHYSICAL DATA

Boiling Range: Vapor Density: Liquid Density: Appearance:

Orange

Type of Odor: Evaporation Rate: Percent Volatile Wt:

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

# SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

## SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

SECTION I

MANUFACTURED BY:Graphic Chemical & Ink Company<br/>P.O. Box 7027<br/>728 North Yale<br/>Villa Park, IL 60181EMERGENCY PHONE:800-535-5053PRODUCT CLASS:<br/>Water Soluble InkTRADE NAME:<br/>PurpleMANUFACTURERS CODE:<br/>1658

#### SECTION II - HAZARDOUS INGREDIENTS

None

## SECTION III - PHYSICAL DATA

Boiling Range: Vapor Density: Liquid Density: Appearance:

Purple

N.A.

Type of Odor: Evaporation Rate: Percent Volatile Wt:

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

#### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

#### SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

### SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

#### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

## SECTION I

MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181	
EMERGENCY PHONE:	800-535-5053	
<b>PRODUCT CLASS:</b> Water Soluble Ink	<b>TRADE NAME:</b> Cobalt Blue	<b>MANUFACTURERS CODE:</b> 1660

SECTION II - HAZARDOUS INGREDIENTS

None

N.A.

Blue

## SECTION III - PHYSICAL DATA

Boiling Range:
Vapor Density:
Liquid Density:
Appearance:

Type of Odor: Evaporation Rate: Percent Volatile Wt:

# SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

#### SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

### SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

#### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

## SECTION I

MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181	
EMERGENCY PHONE:	800-535-5053	
<b>PRODUCT CLASS:</b> Water Soluble Ink	<b>TRADE NAME:</b> Crimson Red	MANUFACTURERS CODE: 1661

SECTION II - HAZARDOUS INGREDIENTS

None

N.A.

Red

## SECTION III - PHYSICAL DATA

Boiling Range:
Vapor Density:
Liquid Density:
Appearance:

Type of Odor: Evaporation Rate: Percent Volatile Wt:

# SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

#### SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

### SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

#### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

## SECTION I

PRODUCT CLASS:	TRADE NAME:	MANU
EMERGENCY PHONE:	800-535-5053	
MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181	

**PRODUCT CLASS:TRADE NAME:**Water Soluble InkGraphic Brown

**MANUFACTURERS CODE:** 1666

## SECTION II - HAZARDOUS INGREDIENTS

None

## SECTION III - PHYSICAL DATA

Boiling Range: Vapor Density: Liquid Density: Appearance: N.A. Brown Type of Odor: Evaporation Rate: Percent Volatile Wt:

# SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

# SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

## SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

## SECTION I

MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181	
EMERGENCY PHONE:	800-535-5053	
<b>PRODUCT CLASS:</b> Water Soluble Ink	<b>TRADE NAME:</b> Maroon	<b>MANUFACTURERS CODE:</b> 1667

SECTION II - HAZARDOUS INGREDIENTS

None

## SECTION III - PHYSICAL DATA

Boiling Range: Vapor Density: Liquid Density: Appearance:

N.A. Maroon

Type of Odor: Evaporation Rate: Percent Volatile Wt:

# SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

# SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

## SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

### SECTION X - DISCLOSURE

Disclosure Information:

(For Printing Ink and Related Materials)

Date: July 9, 2014

SECTION I

MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181	
EMERGENCY PHONE:	800-535-5053	
<b>PRODUCT CLASS:</b> Water Soluble Ink	<b>TRADE NAME:</b> Permanent Peacock Blue	<b>MANUFACTURERS CODE:</b> 1669

## SECTION II - HAZARDOUS INGREDIENTS

None

N.A.

Blue

## SECTION III - PHYSICAL DATA

Boiling Range: Vapor Density: Liquid Density: Appearance: Type of Odor: Evaporation Rate: Percent Volatile Wt:

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Lowest Flash Point: LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog Special Fire Fighting Procedure: Water may be used to cool container Unusual Fire & Explosion Hazards: None

Threshold Limit Value: Non-vaporous

Effects of Overexposure: NFPA 704M Health Classification of 1

Emergency First Aid: Eye Contact - Flush eyes with water

### SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

#### SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released: Ordinary clean up procedure. Sweep or wipe up.

Waste disposal method:

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Not Required.

Protective Equipment (Respiratory, Eye, Etc.): Safety Glasses

### SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

#### SECTION X - DISCLOSURE

Disclosure Information: