

# SAFETY DATA SHEET

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NGHS / English



Art Philosophy ® 5564 Edison Ave. Chino CA 91710

## 1. IDENTIFICATION

### Product identifier

**Product Name** Color Philosophy Inks and Ink Re-fills

Professional use only

### Other means of identification

#589158,589165,589172,589189,589196,589202,589219,589226,589233,589240,589257,589264,589271,589288,589295,589301,589318,589325,589332,589349,589356,589363,589370,589387,589394,589400,589417,589424,589431,589448,589455,589462,589479,589486,589493,589509,630621,630645,630676,630713,630737,630744,630751,630836,630850,630874,630911,630942

**Product Code(s)**

**Recommended use of the chemical and restrictions on use**

**Recommended Use**

**Uses advised against**

**Details of the supplier of the safety data sheet**

**Supplier Identification**

**Address**

**Telephone**

**E-mail**

**Emergency telephone number**

**Company Emergency Phone  
Number**

**2. HAZARDS IDENTIFICATION**

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**Classification**

Serious eye damage/eye irritation	Category 1
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**Appearance** Color

**Physical state** Liquid

**Odor** Slight glycol ether

**GHS Label elements, including precautionary statements**

**Danger**

**Hazard statements**

Causes serious eye damage



**Precautionary Statements - Prevention**

Wear eye protection/ face protection

**Precautionary Statements - Response**

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor

Burning sensation.

**Other information**

Toxic by eye contact May be harmful if swallowed  
Treat symptomatically.

**Unknown acute toxicity** 109 % of the mixture consists of ingredient(s) of unknown toxicity 11 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
57 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
109 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
109 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
109 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS-No	Percent	Hazardous Material	Date HMIRA filed and
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			Information Review Act registry number (HMIRA registry #)	date exemption granted (if applicable)
Propylene Glycol	57-55-6	50	-	-
Glycerol	56-81-5	22	-	-
Triethylene glycol, monobutyl ether	143-22-6	5	-	-
Diethylene glycol monobutyl ether	112-34-5	1	-	-
Diethylene glycol	111-46-6	1	-	-

## 4. FIRST AID MEASURES

### First aid measures

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

### Most important symptoms and effects, both acute and delayed

#### Symptoms

### Indication of any immediate medical attention and special treatment needed

#### Note to physicians

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.



Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures **Avoid contact with skin, eyes or clothing. Use personal protective equipment as**

Personal precautions Refer to protective measures listed in Sections 7 and 8.

Other Information  
Environmental precautions Prevent further leakage or spillage if safe to do

Environmental precautions

Methods and material for containment and cleaning up Prevent further leakage or spillage if safe to do

Methods for containment Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Methods for cleaning up Clean contaminated objects and areas thoroughly observing environmental regulations.

Prevention of secondary hazards

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this

Advice on safe handling

Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

Storage Conditions

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol 56-81-5	-	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist,	



			respirable fraction	
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor		-	
<b>Chemical name</b>	<b>Alberta</b>	<b>British Columbia</b>	<b>Ontario TWAEV</b>	<b>Quebec</b>
Propylene Glycol 57-55-6			TWA: 10 mg/m <sup>3</sup> TWA: 50 ppm TWA: 155 mg/m <sup>3</sup>	
Glycerol 56-81-5	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
Diethylene glycol monobutyl ether 112-34-5			TWA: 10 ppm	

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Tight sealing safety goggles.

**Hand protection**

Wear suitable gloves.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

**Physical state** Liquid  
**Appearance** Color  
**Odor** Slight glycol ether  
**Color** No information available  
**Odor Threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	5	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	

Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	.88	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	Unknown	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	

**Other Information**

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	None known based on information supplied.
<b>Incompatible materials</b>	Strong acids. Strong bases. Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.



**Information on toxicological effects**

**Symptoms** Redness. Burning. May cause blindness.

**Numerical measures of toxicity****Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 2,556.00 mg/kg  
**ATEmix (dermal)** 15,044.00 mg/kg

**Unknown acute toxicity** 109 % of the mixture consists of ingredient(s) of unknown toxicity  
 11 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 57 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 109 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 109 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 109 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
Glycerol	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Triethylene glycol, monobutyl ether	= 5300 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Diethylene glycol monobutyl ether	= 5660 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Diethylene glycol	= 12565 mg/kg ( Rat )	= 11890 mg/kg ( Rabbit )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** May cause skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna (Water
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			Microorganisms	Flea)
Propylene Glycol	96h EC50: = 19000 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 51600 mg/L (Oncorhynchus mykiss) 96h LC50: 41 - 47 mL/L (Oncorhynchus mykiss) 96h LC50: = 51400 mg/L (Pimephales promelas) 96h LC50: = 710 mg/L (Pimephales promelas)	-	24h EC50: > 10000 mg/L 48h EC50: > 1000 mg/L
Glycerol	-	96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)	-	24h EC50: > 500 mg/L
Triethylene glycol, monobutyl ether	72h EC50: > 500 mg/L (Desmodesmus subspicatus)	96h LC50: = 2400 mg/L (Pimephales promelas) 96h LC50: 2200 - 4600 mg/L (Leuciscus idus)	-	48h EC50: > 500 mg/L
Diethylene glycol monobutyl ether	96h EC50: > 100 mg/L (Desmodesmus subspicatus)	96h LC50: = 1300 mg/L (Lepomis macrochirus)	-	24h EC50: = 2850 mg/L 48h EC50: > 100 mg/L
Diethylene glycol	-	96h LC50: = 75200 mg/L (Pimephales promelas)	EC50 = 29228 mg/L 15 min	48h EC50: = 84000 mg/L

**Persistence and Degradability** No information available.

**Bioaccumulation**

Chemical name	Log Pow
Glycerol	-1.76
Triethylene glycol, monobutyl ether	0.51
Diethylene glycol	-1.98

**Mobility** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON REGULATED  
 N/A

**TDG** Not regulated



<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

## 15. REGULATORY INFORMATION

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

#### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** -  
 Philippines Inventory of Chemicals and Chemical Substances **AICS** -  
 Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS-No	Percent	SARA 313 - Threshold Values %
Triethylene glycol, monobutyl ether - 143-22-6	143-22-6	5	1.0
Diethylene glycol monobutyl ether - 112-34-5	112-34-5	1	1.0



<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Propylene Glycol 57-55-6	X		X		
Glycerol 56-81-5	X	X	X		
Triethylene glycol, monobutyl ether 143-22-6	X		X	X	X
Diethylene glycol monobutyl ether 112-34-5	X		X	X	X
Diethylene glycol 111-46-6			X		

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> 3	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Properties -</b>
<b><u>HMIS</u></b>	<b>Health hazards</b> 3	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal Protection</b> X

**Prepared By** Product Stewardship  
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1-800-572-6501

**Revision Date** 10-Mar-2017

**Revision Note** No information available



**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. While the information is believed to be accurate, Pro ColorFlex Ink Corporation makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Pro ColorFlex Ink Corporation's control and therefore users are responsible to verify this data under their own operating conditions to determine if the product is suitable for their particular purposes, and they assume all risks of their use, safe handling, processing, storage, transportation, disposal and release of the product.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

