

# SAFETY DATA SHEET



Revision Date 18-Jun-2018  
Version 2.01

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** Zydeco Invisible Blue UV Base  
**Product code** ZYB-00B

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Ink Base  
**Restrictions on use** No information available

### 1.3 Details of the supplier of the safety data sheet

**Supplier** DayGlo Color Corp.  
4515 St. Clair Avenue  
Cleveland, OH 44103  
(216) 391-7070  
+1 216-391-7070 (outside the US) This telephone number is available during office hours only.

**E-mail Address** ehs@dayglo.com

### 1.4 Emergency telephone number

**Emergency telephone number** Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3 - (H335)

### 2.2 Label elements

#### Signal Word

Warning

#### Hazard Statements

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
May cause respiratory irritation

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Use only outdoors or in a well-ventilated area  
 Wear protective gloves/clothing and eye/face protection

**Precautionary Statements - Response**

Specific treatment (see .? on this label)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of water and soap  
 Take off contaminated clothing and wash it before reuse  
 If skin irritation or rash occurs: Get medical advice/attention  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Call a POISON CENTER or doctor if you feel unwell

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
 Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

**Substance****Mixture**

Chemical Name	CAS No.	Weight-%
Tripropylene glycol diacrylate	42978-66-5	20 - 30
Ethoxylated trimethylolpropane triacrylate	28961-43-5	20 - 30

The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

**4.1 Description of first-aid measures**

**General advice** No information available.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Seek immediate medical attention/advice.

<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Call a physician immediately.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Consult a physician.

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

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

**Notes to physician** Treat symptomatically.

### **5. Fire-Fighting Measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

#### **5.2 Special hazards arising from the substance or mixture**

##### **Special Hazard**

None known based on information supplied.

**Hazardous Combustion Products** Carbon oxides. Nitrogen oxides (NOx).

##### **Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

#### **5.3 Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **6. Accidental Release Measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

#### **6.2 Environmental precautions**

Prevent product from entering drains. See Section 12 for additional Ecological information.

#### **6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Dike to collect large liquid spills. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

### **7. Handling and storage**

#### **7.1 Precautions for safe handling**

**Advice on safe handling** Prevent contact with skin, eyes and clothing. Wash thoroughly after handling.

**Hygiene measures** When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep at temperatures below .?°C. Protect from light.

**Materials to Avoid** No materials to be especially mentioned.

## **8. Exposure controls/personal protection**

### **8.1 Exposure Guidelines**

### **8.2 Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/Face Protection** Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.

**Skin and body protection** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

**Respiratory protection** . NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.

**Hygiene measures** See section 7 for more information

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Color</b>	White
<b>Appearance</b>	Liquid	<b>Odor Threshold</b>	No information available
<b>Odor</b>	Acrylates		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH		No information available
Melting/freezing point		No information available
Boiling point/boiling range	> 94 °C / 201 °F	
Flash Point	> 94 °C / > 201 °F	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	1.18	
Water solubility	Insoluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

### 9.2 Other information

**Volatile organic compounds (VOC) content** 12 g/L

## 10. Stability and Reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.

### 10.5 Incompatible Materials

None known based on information supplied.

### 10.6 Hazardous Decomposition Products

None known based on information supplied.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Tripropylene glycol diacrylate 42978-66-5	3000 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- Causes burns
- Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons

##### Component Information

- No information available

#### Serious eye damage/eye irritation

##### Product Information

- Risk of serious damage to eyes

##### Component Information

- No information available

#### Respiratory or skin sensitization

##### Product Information

- May cause sensitization of susceptible persons

##### Component Information

- No information available

#### Germ cell mutagenicity

##### Product Information

- No information available

##### Component Information

- No information available

#### Carcinogenicity

##### Product Information

- Contains no ingredient listed as a carcinogen

##### Component Information

- No information available

#### Reproductive toxicity

##### Product Information

- No information available

##### Component Information

- No information available

#### STOT - single exposure

No information available

#### STOT - repeated exposure

No information available

**Other adverse effects**Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**Product Information

- No information available

Component Information

- No information available

## 12. Ecological information

**12.1 Toxicity****Ecotoxicity**

No information available

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Tripropylene glycol diacrylate 42978-66-5	EC50: 72 h <i>Desmodesmus subspicatus</i> 28 mg/L	-	EC50: 48 h <i>Daphnia magna</i> 88.7 mg/L

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

Chemical Name	log Pow
Tripropylene glycol diacrylate 42978-66-5	2.77

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No information available

## 13. Disposal Considerations

**13.1 Waste treatment methods**

Dispose of in accordance with federal, state, and local regulations.

## 14. Transport Information

**DOT** Not regulated

**MEX** Not known

**IMDG**

<b>Proper shipping name</b>	UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (Tripropylene glycol diacrylate), 9, PGIII
<b>Hazard class</b>	9
<b>UN</b>	UN3082
<b>Packing Group</b>	PGIII
<b>Marine pollutant</b>	Yes

**IATA**

<b>UN</b>	UN3082
<b>Proper shipping name</b>	UN3082, Environmentally Hazardous Substance, Liquid, n.o.s. (Tripropylene glycol diacrylate), 9, PGIII
<b>Hazard class</b>	9
<b>Packing Group</b>	PGIII

## 15. Regulatory information

**15.1 International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	-
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	-
<b>NZIoC</b>	-

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**15.2 U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**15.3 Pesticide Information**

Not applicable

**15.4 U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

## 16. Other information

<b>NFPA</b>	<b>Health Hazard</b> -	<b>Flammability</b> -	<b>Instability</b> -	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 2*	<b>Flammability</b> 1	<b>Physical Hazard</b> 2	<b>Personal protection</b> X



**Legend:**

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*Ceiling (C)*  
*DOT (Department of Transportation)*  
*EPA (Environmental Protection Agency)*  
*IARC (International Agency for Research on Cancer)*  
*International Air Transport Association (IATA)*  
*International Maritime Dangerous Goods (IMDG)*  
*NIOSH (National Institute for Occupational Safety and Health)*  
*NTP (National Toxicology Program)*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*PEL (Permissible Exposure Limit)*  
*Reportable Quantity (RQ)*  
*Skin designation (S\*)*  
*STEL (Short Term Exposure Limit)*  
*TLV® (Threshold Limit Value)*  
*TWA (time-weighted average)*

**Prepared By** DayGlo Color Corp.  
Regulatory Affairs/Product Safety

**Revision Date** 18-Jun-2018

**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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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**