

# FREESTYLE PHOTOGRAPHIC SUPPLIES LEGACYPRO® WETTING AGENT 600

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Distributor: Freestyle Photographic Supplies

5124 Sunset Blvd., Hollywood, CA 90027

Product Name: **WETTING AGENT 600**

Product Number: **10195**

**Product Use:** Photographic wetting agent

**Customer Information Phone Number:**

1-800-292-6137

**CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300**

Date Reviewed: 5/27/2020

Version: 4.0

## 2. HAZARDOUS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Health hazard

Acute toxicity, Oral (Category 4), H302

Skin irritation, Category 2, H315

Serious eye damage (Category 1), H318

Causes eye irritation (Category 2B), H320

Specific target organ toxicity – repeated exposure, Oral (Category 2), Kidney, H373

Acute aquatic toxicity (Category 2), H401

### 2.2 GHS Label elements, including precautionary statements

#### Pictogram



**Signal Word: WARNING**

#### Hazard statement(s)

H302 Harmful if swallowed

H318 Causes serious eye damage

H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed

H401 Toxic to aquatic life

#### Precautionary statement(s)

P260 do not breathe mist, spray

P264 Wash skin thoroughly after handling

# SAFETY DATA SHEET



- P270 Do not eat, drink, or smoke when using this product  
P273 Avoid release to environment  
P280 Wear protective gloves, eye protection  
P301 + P312 IF SWALLOWED; call a POISON CENTER or doctor/physician if you feel unwell  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P363 Wash contaminated clothing before reuse  
P391 Collect spillage  
P501 Dispose of contents to an approved waste disposal plant.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
ETHYLENE GLYCOL	107-21-1	N.E.	100 mg/m <sup>3</sup> C, aerosol	30-40
OCTYLPHENOL ETHER	9036-19-5	N.E.	N.E.	20-30

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart. Get medical attention if irritation develops.

**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If irritation develops, remove to fresh air and get medical attention if cough or other symptoms develop.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician or Poison Control Center.

**Skin Contact:** Flush skin with plenty of water and wash with a non-alkaline skin cleaner. Wash contaminated clothes before reuse. Get medical attention if irritation develops.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Nonflammable -Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Special Hazards arising from substance or mixture

Carbon oxides.

### 5.3 Advise for firefighters

Wear self-contained breathing NIOSH/MSHA approved apparatus and protective clothing to prevent contact with skin and eyes.

Combustion Products: Under extreme heat may produce carbon monoxide and carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

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

Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid breathing vapors, mist or gas. Avoid contact with

skin and eyes. Stop the spillage. Dike the spill. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill.

## 6.2 Environmental precautions

Prevent liquid from entering sewers, waterways or low areas. Discharge to sewer requires approval of permitting authority and may require pre-treatment. Contaminated surfaces should be cleaned using water.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapors or mist. Store in a cool, dry, well-ventilated area. Keep containers closed. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

### 7.2 Conditions for safe storage, including any incompatibles

Do not store with incompatible materials. All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Triple rinse before disposal. Dispose of in a licensed facility.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1 Control parameters

See Section 3.

### 8.2 Exposure controls

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

#### Personal protective equipment

**Eye Protection:** Safety goggles.

**Respiratory Protection:** When this product is used in the intended way, no respiratory protection is anticipated to be necessary. If engineering controls do not maintain recommended exposure limits, a respirator should be worn. Respirator type: multipurpose

**Skin protection:** Nitrile, rubber, or neoprene chemical proof gloves are recommended.

**Body protection:** Rubber or plastic apron.

**Ventilation protection:** Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance And Odor: Colorless, odorless liquid

Solubility In Water: Complete

Boiling Point: > 100° C  
Vapor Pressure: 18 mm Hg @ 68°F  
Specific Gravity: 1.07  
Melting Point: Not applicable  
Freezing Point: Not established  
Evaporation Rate: Not established  
Vapor Density: 0.6 (air=1)  
Percent Volatile: 73.17  
Ph: 8.0  
Molecular Weight: Not applicable  
Pounds Per Gallon: 8.91  
V.O.C. is 395.9 g/L or 37% or 3.2 lb. /gal.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible Materials

Strong oxidizing agents, strong acids, strong bases, Aldehydes, Aluminum

### 10.6 Decomposition Products

May produce carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information of toxicological effects

#### Component information

#### *Ethylene glycol 107-21-1*

#### **Acute toxicity:**

Oral: LD50 (rats): 4,700 mg/kg  
Inhalation: no data  
Dermal: LD50 (rabbits) – 10,626 mg/kg

**Skin irritation:** Skin – rabbit, not irritant

**Eye irritation:** Eyes – rabbit, Mild eye irritation - 24h  
Not considered to be a human eye irritant in normal industrial use.

**Respiratory or skin sensitization:** No data available

**Carcinogenicity/mutagenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible human carcinogen by IARC, NTP, or OSHA.

**Specific target organ toxicity – repeated exposure**

Oral -May cause damage to organs through prolonged exposure. – kidney

**Aspiration hazard:** No data available

**Reproductive toxicity:** Laboratory experiments have shown teratogenic effects.

Overexposure may cause reproductive disorder(s) based on test with laboratory animals.

**Octylphenol Ether 9036-19-5**

**Acute toxicity:**

Oral: LD50 (rats): 1,900 - 5,000 mg/kg (External MSDS)

Dermal: LD50 (rabbit) > 3,000 mg/kg (External MSDS)

Inhalation: No data

**Skin irritation:** Rabbit  
Result: irritating

**Eye irritation:** Rabbit  
Risk of corneal clouding. Causes serious eye damage.

**Respiratory or skin sensitization:** Sensitization test: human  
Result: negative

**Carcinogenicity/mutagenicity:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, NTP, or ACGIH.none

## 12. ECOLOGICAL INFORMATION

### Component information

**Ethylene glycol 107-21-1**

#### 12.1 Toxicity

Toxicity to fish	LC50-Oncorhynchus mykiss (rainbow trout) – 18,500 mg/l – 96 h
	LC50-Leuciscus idus (Golden orfe) - >10,000 mg/l – 48 h
	NOEC-Pimephales promelas (fathead minnow) – 32,000 mg/l – 7 d
Toxicity to daphnia and other aquatic invertebrates	EC50 – Daphnia magna (Water flea) – 74,000 mg/l – 24 h
	LC50 – Daphnia magna (Water flea) – 41,000 mg/l – 48 h

#### 12.2 Persistence and degradability

No data available

Ratio BOD/ThBOD 0.78%

#### 12.3 Bioaccumulative potential

Does not bioaccumulate

Bioaccumulation other fish – 61 -50 mg/l

**12.4 Mobility in soil**

No data available

**12.5 Result of PBT and vPvB assessment**

Assessment not available as chemical assessment not required/not conducted

**12.6 Other adverse effects**

No data available

**Octylphenol Ether 9036-19-5****12.1 Toxicity**

Toxicity to fish

LC0-Pimephales promelas (fathead minnow) – 8.9 mg/l – 96 h

Toxicity to daphnia

EC50 – Daphnia magna (Water flea) –26 mg/l –48 h

**12.2 Persistence and degradability**

Biodegradability

Biotic/Aerobic biochemical oxygen demand – Exposure time 28 d  
Result: 22 % - Not readily biodegradable.Chemical Oxygen  
Demand (COD)

2.19 mg/g

**12.3 Bioaccumulative potential***Partial coefficient: n-octano/water*

Log Pow: 2.7(20°)

(calculated) Bioaccumulation is not expected.

**12.4 Mobility in soil**

No data available

**12.5 Result of PBT and vPvB assessment**

Assessment not available as chemical assessment not required/not conducted

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product**

Preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

**14. TRANSPORT INFORMATION****DOT (US)**

Not regulated

## 15. REGULATORY INFORMATION

### SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:  
None

### SARA 313 Components


The following components are subject to reporting levels established by SARA Title III, Section 313:

	Cas#	Revision Date
Ethylene Glycol	107-21-1	2007-07-01

### SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

### California Prop 65 Components

 **WARNING:** This product can expose you to chemicals including Ethylene Glycol which is known to the State of California to cause reproductive toxicity/developmental harm if **ingested**. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### TSCA

All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

### SCAQMD Rule 443.1

Photochemically Reactive: No  
Maximum Grams of VOC per Liter: 395.9 gm/L  
Vapor Pressure: 18 mm Hg@ 20 Degrees C

## 16. OTHER INFORMATION

### Full text of H-statements referred to under sections 2 and 3.

Acute toxicity, Oral (Category 4), H302  
Skin irritation, Category 2, H315  
Serious eye damage (Category 1), H318  
Causes eye irritation (Category 2B), H320  
Specific target organ toxicity – repeated exposure, Oral (Category 2), Kidney, H373  
Acute aquatic toxicity (Category2), H401

### HMIS RATING

Health: 2  
Chronic: \*  
Flammability: 1  
Reactivity: 0



OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.