

# NETWORK PRO ONE VERSOL RED FOUNTAIN SOLUTION

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc.

7200 Huron River Drive, Dexter, MI 48130

Product Name: **VERSOL RED FOUNTAIN SOLUTION**

Product Number: **102010**

**Product Use:** Fountain solution

**Customer Information Phone Number:**

1-734-424-9625

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

Date Reviewed: 7/14/2015

Version: 2.0

## 2. HAZARDOUS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Health hazard

Eye irritation (Category Sa), H319

Specific organ toxicity Oral (Category 3), CNS, H336

### 2.2 GHS Label elements, including precautionary statements

#### Pictogram



**Signal Word: WARNING**

#### Hazard statement(s)

H319 Causes serious eye irritation

H336 Specific organ toxicity – repeated exposure, Oral (Category 3), Central Nervous System

#### Precautionary statement(s)

P201 Obtain special instructions before use

P260 Avoid breathing mist

P264 Wash skin thoroughly after handling

P270 Do not eat, drink, or smoke when using this product

P280 Wear protective gloves, eye protection

P302 + P352 IF ON SKIN: Wash with plenty of soap

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

P501 contact lenses, if present and easy to do. Continue rinsing.  
Dispose of contents to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
GLYCERINE	56-81-5	15 mg/m <sup>3</sup>	10mg/m <sup>3</sup> as mist	10-15
ISOPROPYL ALCOHOL	67-63-0	980 mg/m <sup>3</sup> TWA	983 mg/m <sup>3</sup> TWA	5-10
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	N.E.	N.E.	1-5
PHOSPHORIC ACID	7664-38-2	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	1-2

### 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. Get immediate medical attention.

**Inhalation:** If symptomatic, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion:** Only induce vomiting at the instruction of medical personnel. If swallowed, give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**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.

**Aggravated Medical Conditions:** Skin contact may aggravate an existing dermatitis.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Nonflammable. Use agent appropriate for surrounding fire.

#### 5.2 Special Hazards arising from substance or mixture

Fire or excessive heat may cause production of hazardous decomposition products.  
Combustion Products: Carbon dioxide, carbon monoxide.

#### 5.3 Advise for firefighters

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

### 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 contact with skin and eyes. Stop the spillage.

Dike the spill. Prevent liquid from entering sewers, waterways or low areas. 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

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. Do not store with oxidizing 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 glasses with side shields (or goggles).

**Respiratory Protection:** When this product is used in the intended way, no respiratory protection is anticipated to be necessary. However, if use conditions generate decomposition vapors or fumes; use a NIOSH approved organic vapor respirator.

**Skin protection:** Latex, rubber, or neoprene waterproof gloves are recommended.

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

**Respiratory protection:** Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance And Odor: Red liquid, alcohol odor.  
Solubility In Water: Complete  
Flash Point: Nonflammable  
Boiling Point: 177° F  
Vapor Pressure: 18 mm Hg@ 20 Degrees C  
Specific Gravity: 1.06 g/ml  
Melting Point: Not applicable  
Freezing Point: N.E.  
Evaporation Rate: N.E.  
Vapor Density: N.E.  
Percent Volatile: 78.59  
Molecular Weight: Not applicable  
Pounds Per Gallon: 8.85  
Ph: 4.8  
V.O.C. is 107.59 g/L or 10.13% or 0.89 lb. /gal.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable

### 10.2 Chemical stability

Conditions To Avoid: None

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

None

### 10.5 Incompatible Materials

May be incompatible with strong oxidizers.

### 10.6 Decomposition Products

 May produce oxides.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information of toxicological effects

#### Component information

#### *Isopropyl alcohol 67-63-0*

#### Acute toxicity:

Oral: LD50 (rats): 5,045 mg/kg  
Inhalation: LD50 (rats): 16000 ppm – 8 h  
Dermal: LD50 (rabbits) – 12,800 mg/kg

**Skin irritation:** Skin – rabbit, mild irritation  
**Eye irritation:** Eyes – rabbit, serious eye damage - 24h  
**Respiratory or skin sensitization:** No data available  
**Carcinogenicity/mutagenicity:** none  
**Specific target organ toxicity – repeated exposure**  
Oral -May cause drowsiness or dizziness  
**Aspiration hazard:** No data available

### ***Glycerine 56-81-5***

**Acute toxicity:**  
LD50 Oral – rat – 12,600 mg/kg  
Inhalation: no data available  
LD50 Dermal-rat - > 10,000 mg/kg  
**Skin irritation:** Skin-rabbit- mild irritation – 24 h  
**Serious Eye irritation:** Eyes – rabbit-mild irritation – 24 h  
**Respiratory or Skin Sensitization** – no data available  
**Carcinogenicity/mutagenicity:** none

### ***Diethylene glycol butyl ether 112-34-5***

**Acute toxicity:**  
Oral LD-50 (rat) - male 7,291 mg/kg  
Dermal LD-50 (rabbit) -male 2,764 mg/kg  
Inhalation: no data available

**Skin irritation:** Rabbit – mild irritation – 1h  
**Serious Eye irritation:** Rabbit –irritating to the eyes  
**Respiratory or Skin Sensitization:** Maximisation test – guinea pig – does not cause skin sensitisation  
**Carcinogenicity/mutagenicity:** none

## **12. ECOLOGICAL INFORMATION**

### **Component information**

#### ***Isopropyl alcohol 67-63-0***

##### **12.1 Toxicity**

Toxicity to fish LC50-Pimephales promelas (fathead minnow) – 9,640 mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 – Daphnia magna (Water flea) – 5,102 mg/l – 24 h

Toxicity to algae EC50 – Desmodesmus subspicatus (green algae) - >2,000 mg/l – 72h  
EC50 – Algae - > 1,000 mg/l – 24h

##### **12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No bioaccumulation is to be expected (log Pow <=4).

**2.4 Mobility in soil**

No data available

**12.5 Result of PBT and vPvB assessment**

Assessment not available as chemical assessment not required/not conducted

**12.5 Other adverse effects**

No data available

***Glycerine 56-81-5*****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**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

**12.5 Other adverse effects**

No data available

***Diethylene glycol butyl ether 112-34-5*****12.1 Toxicity**

Toxicity to fish	LC50- <i>Lepomis macrochirus</i> – 1,300 mg/l – 96 h
Toxicity to daphnia	EC50- <i>Daphnia magna</i> (Waterflea) - >100 mg/l - 48 h
Toxicity to algae	EC50 – <i>Desmodesmus subspicatus</i> - > 100 mg/l – 96h
Toxicity to bacteria	LC50 – <i>Pseudomonas putida</i> – 1,170 mg/l – 16 h

**12.2 Persistence and degradability**

Biodegradability  
Aerobic – exposure time 28 d  
Result: 91.7% - Readily biodegradable

**12.3 Bioaccumulative potential**

Does not bioaccumulate

**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

**12.5 Other adverse effects**

No data available

**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:

**SARA 313 Components**

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

	Cas#	Revision Date
2-Propanol	67-63-0	1987-01-01
2-(2-Butoxyethoxy)ethanol	112-34-5	1989-08-11

**SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

**California Prop 65 Components**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**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: 107.59 g/L

Vapor Pressure: 18 mm Hg@ 20 Degrees C

## 16. OTHER INFORMATION

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

Causes serious eye irritation H319

Specific organ toxicity – repeated exposure, Oral (Category 3), Central Nervous System H336

### HMIS RATING

Health: 2

Flammability: 0

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.