

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFICATION**

Product Name ..... End Run Wetting Agent & Stabilizer  
 Catalog Number ..... N/A  
 Chemical Name ..... Mixture  
 Common Name ..... N/A  
 Product Use ..... Emulsion stabilizer; protect against static charge.

**MANUFACTURER**

Sprint Systems of Photography, Inc.  
 1057 Chopmist Hill Road  
 Scituate, RI 02857  
 800 356-5073

**EMERGENCY TELEPHONE NUMBER**

ChemTel (1-800-255-3924)

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NUMBER	EXPOSURE CONTROLS	
		OSHA PEL	ACGIH TLV
Polyether	Proprietary	N/E	N/E
Isopropyl alcohol	67-63-0	400 ppm TWA	200 ppm TWA; 400 ppm STEL
Water	7732-18-5	N/E	N/E

See Section 15 for OSHA Regulatory Status

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**For product as sold:**

Clear liquid with a rubbing alcohol odor.

Warning! Flammable liquid and vapor. Causes eye irritation. May cause irritation to skin, eyes, and respiratory tract. Overexposure to isopropanol vapors may cause central nervous system depression.

In case of fire use water fog, "alcohol" foam, carbon dioxide

(CO<sub>2</sub>), or dry chemical.

**For diluted product as used:**

Clear liquid with a slight alcohol odor.

May cause eye and skin irritation.

May flash, but will not sustain combustion.

**POTENTIAL HEALTH EFFECTS**

**PRIMARY ROUTE(S) OF ENTRY**

Inhalation (breathing), eye and skin contact.

**SYMPTOMS OF EXPOSURE**

**For product as sold:**

**Skin Contact:** Repeated or prolonged skin contact may cause dryness, reddening, itching and inflammation. May cause skin irritation and sensitization.

**Eye Contact:** Direct contact causes severe irritation and pain.

**Inhalation:** May irritate the respiratory tract and mucous membranes. Overexposure to isopropanol vapors may cause

central nervous system depression; symptoms include headache, dizziness, nausea, vomiting. Severe overexposure can cause unconsciousness or death.

**Ingestion:** May cause digestive tract irritation and symptoms similar to those listed for inhalation.

**For diluted product as used:**

May cause mild eye and skin irritation. May cause skin sensitization.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

Persons sensitized to isopropyl alcohol are at risk.

**REPORTED AS CARCINOGEN OR POTENTIAL CARCINOGEN**

- Not Applicable
- OSHA Suspect Carcinogen

- National Toxicology Program (NTP)
- International Agency for Research on Cancer (IARC)

**4. FIRST AID MEASURES**

**Skin contact:** Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.

**Eye contact:** Immediately rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Get immediate medical attention.

**Inhalation:** Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

**Ingestion:** Give 3-4 glasses of water, but DO NOT induce

vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

**NOTE TO PHYSICIAN**

Symptomatic and supportive treatment is generally all that is needed. Metabolism of isopropanol forms acetone which may be detected in the serum and urine. Determine the isopropanol concentration in the serum and monitor for acidosis and hypoglycemia. Gastric lavage may be effective if performed soon after oral ingestion, in patients who are comatose, or patients at the risk of convulsing.

**5. FIRE FIGHTING MEASURES**

Flash Point and Method . . . . . 80 °F (closed cup) - as sold.

(CO<sub>2</sub>), or dry chemical.

**GENERAL HAZARD**

Fire or excessive heat may produce hazardous decomposition products.

**SPECIAL FIREFIGHTING INSTRUCTIONS**

None known.

**EXTINGUISHING MEDIA**

In case of fire use water fog, "alcohol" foam, carbon dioxide

**FIREFIGHTING EQUIPMENT**

As in any fire, wear NIOSH approved, positive-pressure self-contained breathing apparatus and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**For product as sold:**

Wear appropriate protective equipment (See Section 8).

**For product as used:**

May be flushed into sewer.

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate area of leak or spill. Absorb with kitty litter, sand or earth package in a suitable container for disposal. Use a plastic broom and shovel when collecting spilled material.

**7. HANDLING AND STORAGE**

**HANDLING**

Wear appropriate protective equipment (See Section 8). Keep away from heat, sparks and open flame.

**STORAGE**

Keep away from heat, sparks and open flame. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Flammable liquid storage.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Use local and/or general exhaust to reduce air contamination to permissible exposure level.

**PERSONAL PROTECTION**

**Respirator:** In conditions where high concentrations of vapors are present or exposure limits are exceeded, wear a

respirator that has been selected by technically qualified person for the specific work conditions.

**Eye Protection:** Wear approved safety goggles.

**Gloves:** Neoprene.

**Clothing:** Wear long-sleeved clothing. Use rubber apron. Use rubber boots.

**Other:** Eye wash; safety shower.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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State . . . . .	Liquid	Vapor Density (Air = 1) . . . . .	N/A
Color . . . . .	Clear	Vapor Pressure (mm Hg) . . . . .	28 mm (Calculated)
Odor . . . . .	Pungent	pH . . . . .	6.7
Melting Point °F . . . . .	N/A	Water Solubility . . . . .	Soluble
Boiling Point °F . . . . .	147	Solubility in other liquids . . . . .	N/E
Specific Gravity @ 25 °F . . . . .	0.95		

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## 10. STABILITY AND REACTIVITY

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### REACTIVITY

Stable

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide; carbon monoxide.

### INCOMPATIBILITIES

Strong oxidizers.

### CONDITIONS TO AVOID

Spark, flame, heat, aluminum containers above 120 °F

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## 11. TOXICOLOGICAL INFORMATION

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The product is not a skin irritant. The primary dermal irritation score was 0.92 following a 4-hour occluded dermal exposure in a modified FHSA/CPSC Design, 16 CFR 1500.

### For Isopropyl alcohol:

Inhalation LC<sub>50</sub> (rat): 1,600 ppm/8 hr  
Oral LD<sub>50</sub> (rat): 5,045 mg/kg  
Oral LD<sub>50</sub> (mouse): 3,600 mg/kg  
Dermal LD<sub>50</sub> (rabbit): 12,800 mg/kg

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## 12. ECOLOGICAL INFORMATION

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### ECOTOXICOLOGICAL INFORMATION

#### For Isopropyl alcohol:

96 hr LC<sub>50</sub> (fathead minnow; 29 days old): 94,900-10,400 mg/L. Cond: Flow-through, 24.4-24.6 °C, pH 7.09, 52.5 mg/L CaCO<sub>3</sub>  
96 hr LC<sub>50</sub> (fathead minnow; 31 days old): 61,200-65,500 mg/L. Cond: Flow-through, 24.6 °C, pH 7.87, 44 CaCO<sub>3</sub>  
5 min EC<sub>50</sub> (*Photobacterium phosphoreum*): 35,390 mg/L Microtox test.

### ENVIRONMENTAL MOVEMENT AND PARTITIONING

Not known.

### ENVIRONMENTAL FATE

Not known.

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## 13. DISPOSAL CONSIDERATIONS

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### For product as sold:

RCRA Waste Code: . . . . . D001.

### For product as used:

RCRA Waste Code: . . . . . Not regulated.

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**14.****TRANSPORT INFORMATION**

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**For 1 L containers:**

DOT Proper Shipping Name: . . . . . Consumer commodity  
DOT Hazard Class . . . . . ORM-D  
DOT I.D. Number . . . . . N/A  
Packing Group . . . . . N/A  
Marking . . . . . ORM-D  
NAERG Guide No. . . . . N/A

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**15.****REGULATORY INFORMATION**

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**OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)**

Hazardous             Non-Hazardous

**CERCLA/SUPERFUND (40 CFR 117, 302)**

N/A

**SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)**

N/A

**SARA HAZARD CATEGORIES (40 CFR 370)**

Acute             Chronic             Fire  
 Pressure         Reactive             None

**STATE REGULATIONS**

California Proposition 65 . . . . . Warning! This product contains formaldehyde a chemical known to the State of California to cause cancer.

**SARA TOXIC CHEMICALS (40 CFR 372)**

Isopropyl alcohol - 30 - 40%

**TSCA CHEMICAL SPECIFIC RULES**

Isopropyl alcohol - Section 12(b)-Export Notification

**INVENTORY STATUS**

All ingredients of this product are on the TSCA inventory.

Florida Hazardous Substance List . . . Isopropyl alcohol  
Massachusetts Right To Know List . . . Isopropyl alcohol  
Minnesota Hazardous Substance List . Isopropyl alcohol  
New Jersey Right To Know List . . . . . Isopropyl alcohol

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**16.****OTHER INFORMATION**

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**NFPA RATING**

Health        2  
Fire            3  
Reactivity    1

**PREPARATION INFORMATION**

Prepared by:    Sprint Systems of Photography, Inc.  
Date Prepared:   June 21, 2000  
Replaces:        November 19, 1999

**ABBREVIATIONS**

C - Ceiling limit  
N/A - Not applicable  
N/D - Not determined  
N/E - Not established  
N/K - Not known  
NAERG - North American Emergency Response Guidebook  
RQ - Reportable Quantity  
TPQ - Threshold Planning Quantity

**REVISION INFORMATION**

Sections 11 and 16 were updated to reflect results of a dermal irritation study.