

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Product Name End Run Print Brightening Converter
 Catalog Number N/A
 Chemical Name Mixture
 Common Name N/A
 Product Use Optical brightener.

MANUFACTURER

Sprint Systems of Photography, Inc.
 100 Dexter Street
 Pawtucket, R.I. 02860
 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
Brightening agent	Proprietary	N/E	N/E
Sodium chloride	7647-14-5	N/E	N/E
Water	7732-18-5	N/E	N/E

See Section 15 for OSHA Regulatory Status.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Luminous yellow-green liquid with no odor. In case of fire use foam, carbon dioxide (CO₂), or dry chemical.
 Not expected to have any adverse effects upon human health or the environment.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY

Eye and skin contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

SYMPTOMS OF EXPOSURE

Skin Contact: None expected.

Inhalation: None expected.

Eye Contact: None expected.

Ingestion: None expected.

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: Rinse eyes with water. Remove any contact

lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.

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.

5. FIRE FIGHTING MEASURES

Flash Point and Method > 200 °F

GENERAL HAZARD

Fire or excessive heat may produce hazardous decomposition products.

EXTINGUISHING MEDIA

In case of fire use foam, carbon dioxide (CO₂), or dry chemical.

SPECIAL FIREFIGHTING INSTRUCTIONS

None known.

FIREFIGHTING EQUIPMENT

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

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment (See Section 8).

Absorb in kitty litter, dry sand or earth and place into

containers for disposal. Small spills may be flushed in sewers with plenty of water.

7. HANDLING AND STORAGE

HANDLING

Wear appropriate protective equipment (See Section 8).

STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Use general ventilation.

Eye Protection: Wear approved safety glasses.

Gloves: Neoprene.

PERSONAL PROTECTION

Respirator: None required for intended use.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

State Liquid

Color Luminous yellow-green

Odor None

Melting Point °F N/A

Boiling Point °F ≈ 212

Specific Gravity @ 25 °F 1.05

Vapor Density (Air = 1) N/D

Vapor Pressure (mm Hg) N/D

pH 6.5

7 when diluted for use.

Water Solubility Soluble

10. STABILITY AND REACTIVITY

REACTIVITY

Stable.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, nitrogen oxide, and other toxic compounds.

INCOMPATIBILITIES

Strong oxidizing agents, strong acids, and strong bases.

CONDITIONS TO AVOID

Excessive heat.

11. TOXICOLOGICAL INFORMATION

The product is not a skin irritant. The primary dermal irritation score was 0.13 following a 4-hour occluded dermal exposure in a modified FHSA/CPSC Design, 16 CFR 1500.

For sodium chloride:

Inhalation LC₅₀ (rat): >42 gm/m³/1hr.
Oral LD₅₀ (rat): 3 gm/kg
Oral LD₅₀ (mouse): 4 gm/kg
Dermal LD₅₀ (rabbit): >10gm/kg

For brightening agent:

Oral LD₅₀ (rat): 11,320 mg/kg
Dermal LD₅₀ (rabbit): >2 gm/kg
Eye irritation: Not an irritant
Skin irritation: Not an irritant

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION**For brightening agent:**

96 hr LC₅₀ (rainbow trout): > 1,000 ppm
IC₅₀ (aerobic waste water bacteria): > 300 ppm

ENVIRONMENTAL MOVEMENT AND PARTITIONING

Not known.

ENVIRONMENTAL FATE

Not known.

13. DISPOSAL CONSIDERATIONS

RCRA Waste Code: Not regulated.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name Not regulated.

15. REGULATORY INFORMATION

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

SARA TOXIC CHEMICALS (40 CFR 372)

N/A

TSCA CHEMICAL SPECIFIC RULES

N/A

INVENTORY STATUS

All ingredients of this product are on the TSCA Inventory.

16. OTHER INFORMATION

NFPA RATING

Health 1
Fire 1
Reactivity 0

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

PREPARATION INFORMATION

Prepared by: Sprint Systems of Photography, Inc.
Date Prepared: June 21, 2000
Replaces: November 10, 1999

REVISION INFORMATION

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