

# Safety Data Sheet

according to HPR, Schedule 1

Printing date 03/14/2017

Revised On 03/14/2017

## 1 Identification

**Trade name:** RED FLUORESCENT  
**Product code:** 0000160654  
**Distributed by:** Fast line Striping Systems Ltd.  
 34 Mount Hope Avenue  
 Dartmouth NSB2Y 4K9  
 Canada  
 Phone: 1-800-565-1564  
 Fax: 1-902-466-8481  
 admin@fastline.net

**General Information:** Health & Safety Department  
**Emergency telephone number:** CHEMTEL 1-800-255-3924, or 813-248-0585.



## 2 Hazard identification

### Classification of the substance or mixture

Flammable Aerosols - Category 1 H222 Extremely flammable aerosol.  
 Gases Under Pressure - Liquefied Gas H280 Contains gas under pressure; may explode if heated.  
 Specific Target Organ Toxicity - Single Exposure - Category 3 H335 May cause respiratory irritation.

### GHS Hazard pictograms



GHS02 GHS04 GHS07

### Signal word

Danger

### Hazard-determining components of labeling:

#### Hazard statements

Calcium Carbonate  
 Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 May cause respiratory irritation.

#### Precautionary statements

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read label before use.  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 Do not spray on an open flame or other ignition source.  
 Do not pierce or burn, even after use.  
 Use only outdoors or in a well-ventilated area.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER/doctor if you feel unwell.  
 Store locked up.  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 Protect from sunlight. Store in a well-ventilated place.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Effects of chronic overexposure:

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

## 3 Composition/Information on ingredients

### Chemical characterization: Mixtures

#### Chemical Description:

This product is a mixture of the substances listed below with nonhazardous additions.

#### Dangerous components:

64742-89-8	VM&P Naphtha	Flammable Liquids - Category 2, H225	17.93% w/w
74-98-6	propane	Flammable Gases - Category 1, H220	15.11% w/w
1317-65-3	Calcium Carbonate	Specific Target Organ Toxicity - Single Exposure - Category 3, H335	11.44% w/w
106-97-8	n-butane	Flammable Gases - Category 1, H220	8.88% w/w
64742-47-8	Mineral Spirits	Flammable Liquids - Category 3, H226; Aspiration Hazard - Category 1, H304	3.8% w/w
110-19-0	Isobutyl Acetate	Flammable Liquids - Category 2, H225	3.21% w/w

## 4 First aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Remove contaminated clothing. Wash exposed area with soap and water.  
**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.  
**After swallowing:** Rinse mouth with water. Do not induce vomiting.  
**Information for doctor:**  
**Most important symptoms and effects:** Dizziness  
**Indication of any immediate medical attention needed:** No further relevant information available.

## 5 Firefighting measures

**Extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.  
**Special hazards:** Can form explosive gas-air mixtures.

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**Protective equipment for firefighters:** A respiratory protective device may be necessary.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use respiratory protective device against the effects of fumes/dust/aerosol.  
**Environmental precautions:** Do not allow product to reach sewage systems or ground water.  
**Methods and material for containment and cleaning up:** Absorb liquid components with liquid-binding material.

## 7 Handling and storage

**Precautions for safe handling** Use only in well ventilated areas.  
**Fire/explosion protection:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.  
**Conditions for safe storage:**  
**Storage requirements:** Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

## 8 Exposure controls/ Personal protection

**Components with limit values that require monitoring at the workplace:**

### 74-98-6 propane

EL Long-term value: 1000 ppm  
 EV Long-term value: 1.000 ppm

### 106-97-8 n-butane

EL Short-term value: 750 ppm  
 Long-term value: 600 ppm  
 EV Long-term value: 800 ppm

### 64742-47-8 Mineral Spirits

EL Long-term value: 200 mg/m<sup>3</sup>  
 Skin

### 110-19-0 Isobutyl Acetate

EL Long-term value: 150 ppm  
 EV Short-term value: 187 ppm  
 Long-term value: 150 ppm

### Exposure controls

**Hygienic protection:** Wash hands after use.  
 Do not eat or drink while working.  
**Breathing equipment:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.  
**Hand protection:** Protective gloves  
 Nitrile gloves.  
 Protective gloves. The glove material must be impermeable and resistant to the substance.  
**Eye protection:** Tightly sealed goggles

## 9 Physical and chemical properties

**Appearance:** Aerosol.  
**Odor:** Pleasant  
**Odor threshold:** Not determined.  
**pH-value:** Not determined.  
**Melting point/Melting range** Undetermined.  
**Boiling point:** -44 °C  
**Flash point:** -19 °C  
**Flammability (solid, gas):** Extremely flammable.  
**Decomposition temperature:** Not determined.  
**Auto igniting:** Product is not self-igniting.  
**Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.  
**Lower Explosion Limit:** 1.7 Vol %  
**Upper Explosion Limit:** 10.9 Vol %  
**Vapor pressure:** Not determined.  
**Relative Density:** Between 0.77 and 0.85 (Water equals 1.00)  
**Vapor density** Not determined.  
**Evaporation rate** Not applicable.  
**Partition coefficient: n-octonal/water:** Not determined.  
**Solubility:** Not determined.  
**Viscosity:** Not determined.

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**VOC content (less exempt solvents):** 50.5 %  
**Water:** 24.5 %  
**MIR Value:** 0.59  
**Solids content:** 24.0 %

**10 Stability and reactivity**

**Conditions to avoid:** Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.  
**Possibility of hazardous reactions:** No dangerous reactions known.  
**Conditions to avoid:** No further relevant information available.  
**Incompatible materials:** No further relevant information available.  
**Hazardous decomposition:** No dangerous decomposition products known.

**11 Toxicological information****LD/LC50 values that are relevant for classification:****106-97-8 n-butane**

Inhalative LC50/4 h 658 mg/l (rat)

**110-19-0 Isobutyl Acetate**

Oral LD50 4763 mg/kg (rbt)

**Skin effects:** No irritant effect.  
**Eye effects:** No irritating effect.  
**Sensitization:** No sensitizing effects known.

**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

**NTP (National Toxicology Program)**

None of the ingredients is listed.

**12 Ecological information**

**Aquatic toxicity:** Hazardous for water, do not empty into drains.  
**Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes.  
**Bioaccumulative potential:** No further relevant information available.  
**Mobility in soil:** No further relevant information available.  
**Other adverse effects:** No further relevant information available.

**13 Disposal considerations**

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.  
**Recommendation:** Completely empty cans should be recycled.

**14 Transport information**

**UN-Number** UN1950  
**DOT** N/A  
**Transport hazard class(es):**  
**DOT, TDG**  
**Class** 2.1  
**Special precautions for user:** Warning: Gases  
**EMS Number:** F-D,S-U  
**Stowage Code** SW1 Protected from sources of heat.  
 SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.  
 SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.  
**Segregation Code**  
**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.  
**Packaging Group:** --

**15 Regulatory information**

**Toxic Substances Control Act (TSCA):** All ingredients for this product are found on the inventory list of substances.

**California Proposition 65 chemicals known to cause birth defects or reproductive harm:**

None of the ingredients in this product are listed.

**CANADIAN ENVIRONMENTAL PROTECTION ACT:**  
**WHMIS Symbols for Canada:**

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.  
 A - Compressed gas



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**Trade name:** RED FLUORESCENT**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**16 Other information****Contact:** Regulatory Affairs