

# Safety Data Sheet

according to HPR, Schedule 1

Printing date 03/14/2017

Revised On 03/14/2017

## 1 Identification

**Trade name:** SAFETY RED (SOLVENT)  
**Product code:** 0000200971  
**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.  
 Skin Irritation - Category 2 H315 Causes skin irritation.  
 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.  
 Causes skin irritation.  
 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.  
 Wash thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 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.  
 If skin irritation occurs: Get medical advice/attention.  
 IF ON SKIN: Wash with plenty of water.  
 Take off contaminated clothing and wash it before reuse.  
 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:

1317-65-3	Calcium Carbonate Specific Target Organ Toxicity - Single Exposure - Category 3, H335	21.15% w/w
74-98-6	propane Flammable Gases - Category 1, H220	17.01% w/w
64742-89-8	VM&P Naphtha Flammable Liquids - Category 2, H225	15.02% w/w
106-97-8	n-butane Flammable Gases - Category 1, H220	9.99% w/w
142-82-5	heptane Flammable Liquids - Category 2, H225; Skin Irritation - Category 2, H315; Specific Target Organ Toxicity - Single Exposure - Category 3, H336	7.88% w/w
64742-47-8	Mineral Spirits Flammable Liquids - Category 3, H226; Aspiration Hazard - Category 1, H304	6.53% w/w

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1330-20-7	xylene (mix) Flammable Liquids - Category 3, H226; Acute Toxicity (Dermal) - Category 4, H312; Acute Toxicity (Inhalation) - Category 4, H332; Skin Irritation - Category 2, H315	2.6% w/w
67-63-0	Isopropyl Alcohol Flammable Liquids - Category 2, H225; Eye Irritation - Category 2A, H319; Specific Target Organ Toxicity - Single Exposure - Category 3, H336	2.22% w/w

**4 First aid measures**

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

**5 Firefighting measures**

<b>Extinguishing agents:</b>	CO2, extinguishing powder or water spray. Fight larger fires with water spray.
<b>Special hazards:</b>	Can form explosive gas-air mixtures.
<b>Protective equipment for firefighters:</b>	A respiratory protective device may be necessary.

**6 Accidental release measures**

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

**7 Handling and storage**

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Fire/explosion protection:</b>	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.
<b>Conditions for safe storage:</b>	
<b>Storage requirements:</b>	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

**142-82-5 heptane**

EL	Short-term value: 500 ppm Long-term value: 400 ppm
EV	Short-term value: 2.045 mg/m <sup>3</sup> , 500 ppm Long-term value: 1.635 mg/m <sup>3</sup> , 400 ppm

**64742-47-8 Mineral Spirits**

EL	Long-term value: 200 mg/m <sup>3</sup> Skin
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**1330-20-7 xylene (mix)**

EL	Short-term value: 150 ppm Long-term value: 100 ppm
EV	Short-term value: 650 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm

**67-63-0 Isopropyl Alcohol**

EL	Short-term value: 400 ppm Long-term value: 200 ppm
EV	Short-term value: 400 ppm Long-term value: 200 ppm

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<b>Exposure controls</b>	
<b>Hygienic protection:</b>	Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.
<b>Breathing equipment:</b>	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.
<b>Hand protection:</b>	Protective gloves Nitrile gloves.
<b>Eye protection:</b>	Protective gloves. The glove material must be impermeable and resistant to the substance. Tightly sealed goggles

## 9 Physical and chemical properties

<b>Appearance:</b>	Aerosol.
<b>Odor:</b>	Aromatic
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Melting point/Melting range</b>	Undetermined.
<b>Boiling point:</b>	-44 °C
<b>Flash point:</b>	-19 °C
<b>Flammability (solid, gas):</b>	Extremely flammable.
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Lower Explosion Limit:</b>	1.7 Vol %
<b>Upper Explosion Limit:</b>	10.9 Vol %
<b>Vapor pressure:</b>	Not determined.
<b>Relative Density:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.
<b>Partition coefficient: n-octonal/water:</b>	Not determined.
<b>Solubility:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>VOC content (less exempt solvents):</b>	62.6 %
<b>Solids content:</b>	37.2 %

## 10 Stability and reactivity

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

#### 1330-20-7 xylene (mix)

Oral LD50 8700 mg/kg (rat)

Dermal LD50 2000 mg/kg (rbt)

Inhalative LC50/4 h 6350 mg/l (rat)

#### 67-63-0 Isopropyl Alcohol

Oral LD50 4570 mg/kg (rat)

Dermal LD50 13400 mg/kg (rab)

Inhalative LC50/4 h 30 mg/l (rat)

**Skin effects:** Irritant to skin and mucous membranes.**Eye effects:** No irritating effect.**Sensitization:** No sensitizing effects known.

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

1330-20-7 xylene (mix)

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67-63-0 Isopropyl Alcohol

3

### NTP (National Toxicology Program)

None of the ingredients is listed.

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## 12 Ecological information

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

<b>UN-Number</b>	UN1950
<b>DOT</b>	N/A
<b>Transport hazard class(es):</b>	
<b>DOT, TDG</b>	
<b>Class</b>	2.1
<b>Marine pollutant:</b>	Symbol (fish and tree)
<b>Special precautions for user:</b>	Warning: Gases
<b>EMS Number:</b>	F-D,S-U
<b>Stowage Code</b>	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.
<b>Segregation Code</b>	
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Packaging Group:</b>	--

## 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:** 67-56-1 Methanol

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  
D2B - Toxic material causing other toxic effects



**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

**Contact:** Regulatory Affairs