

# Safety Data Sheet

according to HPR, Schedule 1

Printing date 03/14/2017

Revised On 03/14/2017

## 1 Identification

**Trade name:** FAST STRIPE VALVE CLEANER  
**Product code:** FL00240000  
**Manufacturer/Supplier:** Fast Line Striping Systems Ltd.  
 160 Binnington Court  
 Kingston ON K7N 8N1  
 Canada  
 Phone: 1-800-565-1564  
 Fax: 1-902-466-8481  
 admin@fastline.net



## 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.
Eye Irritation - Category 2A	H319 Causes serious eye irritation.
Reproductive Toxicity - Category 2	H361 Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity - Single Exposure - Category 3	H336 May cause drowsiness or dizziness.
Specific Target Organ Toxicity - Repeated Exposure - Category 2	H373 May cause damage to organs through prolonged or repeated exposure.

### GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

### Signal word

Danger

### Hazard-determining components of labeling:

Toluene  
Acetone

### Hazard statements

Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 Suspected of damaging fertility or the unborn child.  
 May cause drowsiness or dizziness.

### Precautionary statements

May cause damage to organs through prolonged or repeated exposure.  
 Obtain special instructions 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.  
 Do not handle until all safety precautions have been read and understood.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 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.  
 If eye irritation persists: Get medical advice/attention.  
 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:

108-88-3	Toluene Flammable Liquids - Category 2, H225; Reproductive Toxicity - Category 2, H361; Specific Target Organ Toxicity - Repeated Exposure - Category 2, H373; Skin Irritation - Category 2, H315; Specific Target Organ Toxicity - Single Exposure - Category 3, H336	45.37% w/w
67-64-1	Acetone Flammable Liquids - Category 2, H225; Eye Irritation - Category 2A, H319; Specific Target Organ Toxicity - Single Exposure - Category 3, H336	44.64% w/w
74-98-6	propane Flammable Gases - Category 1, H220	6.3% w/w

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106-97-8	n-butane Flammable Gases - Category 1, H220
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3.7% w/w

## 4 First aid measures

<b>After inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact:</b>	Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Wash exposed area with soap and water.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing:</b>	Rinse out mouth and then drink plenty of water. 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>	CO <sub>2</sub> , 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>	Wear protective equipment. Keep unprotected persons away. 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>	Ensure adequate ventilation. Dispose contaminated material as waste according to section 13.

## 7 Handling and storage

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Fire/explosion protection:</b>	Protect from heat. Keep respiratory protective device available. 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:

#### 67-64-1 Acetone

EL	Short-term value: 500 ppm Long-term value: 250 ppm
EV	Short-term value: 750 ppm Long-term value: 500 ppm

#### 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

### Exposure controls

<b>Hygienic protection:</b>	Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Store protective clothing separately. 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. Protective gloves. The glove material must be impermeable and resistant to the substance.

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**Eye protection:** Tightly sealed goggles

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## 9 Physical and chemical properties

**Appearance:** Aerosol.  
**Odor:** Aromatic  
**Odor threshold:** Not determined.  
**pH-value:** Not determined.  
**Melting point/Melting range** Undetermined.  
**Boiling point:** -110 °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:** Not determined.  
**Upper Explosion Limit:** Not determined.  
**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.  
**VOC content (less exempt solvents):** 10.0 %  
**MIR Value:** 2.08

## 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)

**Skin effects:** Irritant to skin and mucous membranes.  
**Eye effects:** 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  
 UN1950  
**Transport hazard class(es):**  
**DOT, TDG**  
**Class** 2.1  
**Marine pollutant:** No  
**Special precautions for user:** Warning: Gases

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EMS Number: F-D,S-U  
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.  
 Packaging Group: --

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**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:**

108-88-3 | Toluene

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

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.  
 A - Compressed gas  
 D2A - Very toxic material causing other toxic effects

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**16 Other information**