



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** GUMFREE GUM REMOVER  
**Product use** Gum Remover  
**Product code** Q476  
**Date of issue** 03/22/12 **Supersedes** 05/12/09

### Emergency Telephone Numbers

**For MSDS Information:**  
 Technical Services Group  
 Telephone (780) 453-8100  
 (Business Hours 8:00am - 5:00pm)

### For Medical or Transportation Emergency

CANUTEC (24 Hours)  
 (613) 996-6666 - Call Collect

### Prepared By

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## Section 2. Hazards Identification

### Emergency overview

EXTREMELY FLAMMABLE.

Flammable aerosol. Avoid contact with skin and clothing.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

**Acute Effects**                      **Routes of Entry**                      Eye contact. Inhalation.

**Eyes**                      May cause eye irritation.

**Skin**                      May cause frostbite May cause skin irritation.

**Inhalation**                      Simple asphyxiant

**Ingestion**                      May cause headache    may cause nausea/vomiting and abdominal cramps/pain

**Chronic effects**                      Not available.

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
HYDROCARBON PROPELLANT; blend of propane & isobutane	75-28-5; 74-98-6	60 - 100

## Section 4. First Aid Measures

**Eye Contact**                      In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact**                      Wash affected area with soap or mild detergent and water.

**Inhalation**                      Move exposed person to fresh air. Get medical attention if adverse health effects persist or are severe.

**Ingestion**                      If swallowed, do not induce vomiting. Get medical attention.

## Section 5. Fire Fighting Measures

**Flash Point**                      Closed cup: -104°C (-155.2°F)  
 [Tagliabue.]

**Flammable Limits**                      Lower: 1.8%  
 Upper: 9.5%

**Flammability**                      Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.

### Auto-ignition Temperature

**Fire-Fighting Procedures**                      Wear special protective clothing and positive pressure, self-contained breathing apparatus. Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. Cool closed containers exposed to fire with water.

**Fire hazard** Extremely flammable. Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

**Products of Combustion** carbon oxides (CO, CO<sub>2</sub>)

**Explosion hazard** Not available.

### Section 6. Accidental Release Measures

**Spill Clean up** Large spills are unlikely due to packaging.

### Section 7. Handling and Storage

**Handling** Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Empty containers retain product residue and can be hazardous.

**Storage** Store in accordance with local regulations. Store in a segregated and approved area. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

### Section 8. Exposure Controls/Personal Protection

#### Product name

HYDROCARBON PROPELLANT; blend of propane and n-butane

#### Exposure limits

CA British Columbia Provincial (Canada, 10/2009).

TWA: 1000 ppm 8 hour(s).

CA Alberta Provincial (Canada, 4/2009).

8 hrs OEL: 1000 ppm 8 hour(s).

CA Ontario Provincial (Canada, 7/2010).

TWA: 800 ppm 8 hour(s).

#### Personal Protective Equipment (PPE)

**Eyes** Safety glasses.

**Hands and Body** Chemical-resistant gloves.

**Respiratory** Wear appropriate respirator when ventilation is inadequate.



### Section 9. Physical and Chemical Properties

**Physical State** Liquid. [Aerosol.]

**pH** Not available.

**Boiling Point** Not available.

**Specific Gravity** 0.54

**Solubility**

**Freezing Point**

**Color** Colorless.

**Odor** Hydrocarbon.

**Vapor Pressure** 9.3 kPa (70 mm Hg)

**Vapor Density** >1 [Air = 1]

**Evaporation Rate** Not available.

**VOC (Consumer)** 100 (%)

### Section 10. Stability and Reactivity

**Stability and Reactivity** The product is stable.

**Incompatibility** Reactive or incompatible with the following materials: oxidizing materials.

**Hazardous Polymerization** Not available.

**Hazardous Decomposition Products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11. Toxicological Information

**Carcinogenicity** No known significant effects or critical hazards.

**Acute Toxicity**

**Section 12. Ecological Information**

**Environmental Effects** No known significant effects or critical hazards.

**Aquatic Ecotoxicity**


Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Not available.

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
<b>TDG Classification</b>	1950	Aerosols, flammable	2.1	-		<b>Explosive Limit and Limited Quantity Index</b> 1
<b>IMDG Class</b>				-		-

**NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.**

PG\* : Packing group

**Section 15. Regulatory Information****Canada****WHMIS (Canada)**

Class A: Compressed gas.  
Class B-5: Flammable aerosol.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*