

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** CS241  
**Product name** PRO SERIES GUM AWAY CHEWING GUM REMOVER  
**Effective date** 26-Mar-2013  
**Company information** CSI PRODUCTS INC  
ADDISON, IL 60101 United States  
**Company phone** General Assistance 1-630-543-7600  
**Emergency telephone US** 1-866-836-8855  
**Emergency telephone outside US** 1-952-852-4646  
**Version #** 09  
**Supersedes date** 16-Apr-2012

## 2. Hazards Identification

**Emergency overview** Aerosol. FLAMMABLE  
CONTENTS UNDER PRESSURE.  
Will be easily ignited by heat, spark or flames.

**Potential health effects**

**Routes of exposure** Eye contact. Skin contact. Ingestion.

**Eyes** Contact with eyes may cause irritation.

**Skin** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

**Target organs** Central nervous system. Lungs.

**Chronic effects** Unconsciousness. Conjunctiva. Cyanosis (blue tissue condition, nails, lips, and/or skin). May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause delayed lung injury.

**Signs and symptoms** Discomfort in the chest. Narcosis. Cyanosis (blue tissue condition, nails, lips, and/or skin). Coughing. Conjunctivitis. Defatting of the skin. Skin irritation.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
n-Butane	106-97-8	60 - 70
Propane	74-98-6	20 - 30
Ethyl Alcohol	64-17-5	8 - 10
Non-hazardous and other components below reportable levels		0.0001 - 0.1

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact** Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops and persists. For minor skin contact, avoid spreading material on unaffected skin.

**Inhalation** If symptoms develop move victim to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Get medical attention, if needed.

**Ingestion**

If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center. Do not use mouth-to-mouth method if victim ingested the substance.

**Notes to physician**

Keep victim warm. Keep victim under observation. Symptoms may be delayed.

## 5. Fire Fighting Measures

**Flammable properties**

Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

**Extinguishing media****Suitable extinguishing media**

Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Do not use water jet.

**Protection of firefighters****Protective equipment and precautions for firefighters**

In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up.

## 6. Accidental Release Measures

**Methods for containment**

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.

**Methods for cleaning up**

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

## 7. Handling and Storage

**Handling**

Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Do not get this material in contact with eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid prolonged exposure.

**Storage**

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Do not handle or store near an open flame, heat or other sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol.

## 8. Exposure Controls / Personal Protection

**Exposure limits****ACGIH****Components****CAS #****TWA****STEL****Ceiling**

n-Butane

106-97-8

1000 ppm

Not established

Not established

Propane

74-98-6

1000 ppm

Not established

Not established

Ethyl Alcohol

64-17-5

1000 ppm

1000 ppm

Not established

**OSHA****Components****CAS #****TWA****STEL****Ceiling**

Propane

74-98-6

1000 ppm

Not established

Not established

Ethyl Alcohol

64-17-5

1000 ppm

Not established

Not established

**Personal protective equipment****Eye / face protection**

Wear safety glasses with side shields (or goggles). Do not get in eyes.

**Skin protection**

Not normally needed. Chemical resistant gloves.

**Respiratory protection**

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

## 9. Physical & Chemical Properties

**Appearance**

Compressed liquefied gas.

**Boiling point**

21.2 °F (-6.1 °C) estimated

<b>Color</b>	clear colorless
<b>Density</b>	0.5699 g/cm3 estimated
<b>Flammability (HOC)</b>	41.9597 kJ/g estimated
<b>Flash back</b>	Yes
<b>Flash point</b>	-156 °F (-104.4 °C) Propellant
<b>Form</b>	Liquid.
<b>Freezing point</b>	Not available
<b>Odor</b>	fruity
<b>pH</b>	Not applicable
<b>Physical state</b>	Liquid.
<b>Pressure</b>	60 - 70 psig @ 70F
<b>Solubility</b>	Partially
<b>Specific gravity</b>	0.57 estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Risk of ignition.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological Information

### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

Ethyl Alcohol	64-17-5	Oral LD50 Rat 7060 mg/kg; Inhalation LC50 Rat 124.7 mg/L 4 h
n-Butane	106-97-8	Inhalation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h

**Sensitization** Not expected to be hazardous by OSHA criteria.

### Carcinogenicity

#### IARC - Group 1 (Carcinogenic to Humans)

Ethyl Alcohol	64-17-5	Monograph 100E [2012] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages)
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**Teratogenicity** Not expected to be hazardous by OSHA criteria.

## 12. Ecological Information

**Ecotoxicity** Ecological injuries are not known or expected under normal use.

## 13. Disposal Considerations

<b>Waste codes</b>	D001: Waste Flammable material with a flash point <140 F
<b>Disposal instructions</b>	Contents under pressure. Do not puncture, incinerate or crush. Dispose of this material and its container to hazardous or special waste collection point. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

#### Basic shipping requirements:

<b>Proper shipping name</b>	Aerosols
<b>Hazard class</b>	2.1
<b>UN number</b>	UN1950

#### Additional information:

<b>Special provisions</b>	153, N82
<b>Packaging exceptions</b>	LTD QTY
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None



**Further information**

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2013, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/13 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**IMDG****Basic shipping requirements:**

Proper shipping name	AEROSOLS
Hazard class	2.1
UN number	1950
<b>Additional information:</b>	
Packaging exceptions	LTD QTY
Item	5F
Labels required	None
Transport Category	2

**IATA****Basic shipping requirements:**

Proper shipping name	Aerosols, flammable
Hazard class	2.1
UN number	1950
<b>Additional information:</b>	
Packaging exceptions	LTD QTY
Labels required	2.1

**15. Regulatory Information****US federal regulations**

OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.  
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
CERCLA/SARA Hazardous Substances - Not applicable.

**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical	Yes
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**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes
Hazard categories (311/312)	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## State regulations

### U.S. - Pennsylvania - RTK (Right to Know) List

Ethyl Alcohol	64-17-5	Present
n-Butane	106-97-8	Present
Propane	74-98-6	Present

## 16. Other Information

### Further information

HMIS® is a registered trade and service mark of the NPCA.

### HMIS® ratings

Health: 1

Flammability: 4

Physical hazard: 0

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.

### MSDS sections updated

Product and Company Identification: Product Review

Transport Information: Further information

### Prepared by

Regulatory Compliance