

**ZEP GUMFREE GUM REMOVER AERO 12X235GR**

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Material name : ZEP GUMFREE GUM REMOVER AERO 12X235GR

Material number : Q47601C

**Manufacturer or supplier's details**

Company : Zep Inc.

Address : 11627 - 178 Street  
Edmonton, Alberta T5S 1N6  
Canada

Telephone : 404-352-1680

**Emergency telephone numbers**
**For SDS Information** : Compliance Services 1-877-428-9937

**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency** : CHEMTREC: 800-424-9300 - All Calls Recorded.

**Recommended use of the chemical and restrictions on use**

Recommended use : Specialty Cleaner and Remover

**SECTION 2. HAZARDS IDENTIFICATION**
**Emergency Overview**

Appearance	Aerosol containing a liquefied gas
Colour	colourless
Odour	No data available

**GHS Classification**
Flammable aerosols : Category 1  
Gases under pressure : Liquefied gas
**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**ZEP GUMFREE GUM REMOVER AERO 12X235GR**

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

**Storage:**

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration [%]
butane	106-97-8	>= 70 - < 90
propane	74-98-6	>= 20 - < 30

**SECTION 4. FIRST AID MEASURES**

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If symptoms persist, call a physician.  
Move to fresh air.
- In case of skin contact : Wash off with soap and water.  
Get medical attention if irritation develops and persists.
- In case of eye contact : Rinse with water.  
If eye irritation persists, consult a specialist.
- If swallowed : Rinse mouth.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Effects may be delayed, symptoms may include minor eye or skin irritation.  
Overexposure may cause mild eye or skin irritation.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : Do NOT use water jet.
- Specific hazards during firefighting : Burning produces irritant fumes.
- Hazardous combustion : Carbon dioxide (CO<sub>2</sub>)

**ZEP GUMFREE GUM REMOVER AERO 12X235GR**

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

products	Carbon monoxide Smoke
Specific extinguishing methods	: Do not allow run-off from fire fighting to enter drains or water courses. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	: For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	: Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Keep people away from and upwind of spill/leak.
Environmental precautions	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	: Pick up and transfer to properly labelled containers.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling	: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	: BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	: No materials to be especially mentioned.

## ZEP GUMFREE GUM REMOVER AERO 12X235GR

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
butane	106-97-8	TWA	1,000 ppm	CA AB OEL
		TWA	600 ppm	CA BC OEL
		STEL	750 ppm	CA BC OEL
		TWAEV	800 ppm 1,900 mg/m <sup>3</sup>	CA QC OEL
propane	74-98-6	TWA	1,000 ppm	CA AB OEL
		TWA	1,000 ppm	CA BC OEL
		TWAEV	1,000 ppm 1,800 mg/m <sup>3</sup>	CA QC OEL
		TWA	1,000 ppm	ACGIH

**Engineering measures** : effective ventilation in all processing areas

**Personal protective equipment**

**Respiratory protection** : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

**Hand protection**

**Material** : Protective gloves

**Remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection** : Safety glasses with side-shields

**Skin and body protection** : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Hygiene measures** : General industrial hygiene practice.  
When using do not eat, drink or smoke.  
Wash hands before breaks and immediately after handling the product.  
Regular cleaning of equipment, work area and clothing.  
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Aerosol containing a liquefied gas

**Colour** : colourless

# SAFETY DATA SHEET



## ZEP GUMFREE GUM REMOVER AERO 12X235GR

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

---

Odour	: No data available
Odour Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Boiling point	: -16.34 °C
Flash point	: -104 - -73 °C
Evaporation rate	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: No data available

---

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Vapours may form explosive mixture with air. No decomposition if stored and applied as directed.
Conditions to avoid	: Heat, flames and sparks. Extremes of temperature and direct sunlight. Contact with incompatible materials.
Incompatible materials	: Strong oxidizing agents Nitrous acid and other nitrosating agents Halogenated compounds
Hazardous decomposition products	: No hazardous decomposition products are known.

---

### SECTION 11. TOXICOLOGICAL INFORMATION

**ZEP GUMFREE GUM REMOVER AERO 12X235GR**

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

---

**Potential Health Effects**

Aggravated Medical Condition : None known.

Symptoms of Overexposure : Effects may be delayed, symptoms may include minor eye or skin irritation.

**Carcinogenicity:**

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Acute toxicity**

No data available

**Skin corrosion/irritation**

**Product:**

Remarks: May irritate skin.

**Serious eye damage/eye irritation**

**Product:**

Remarks: May irritate eyes.

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information**

**Product:**

**ZEP GUMFREE GUM REMOVER AERO 12X235GR**

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

Remarks: No data available

---

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Product:**Partition coefficient: n-  
octanol/water : Remarks: No data available**Components:****butane :**Partition coefficient: n-  
octanol/water : Pow: 2.89**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**Additional ecological  
information : No data available

---

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with  
chemical or used container.  
Dispose of in accordance with local regulations.Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

---

**SECTION 14. TRANSPORT INFORMATION**

Transportation Regulation (TDG) / Règlement Pour Le Transport (TMD): (Canada): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity
--

# SAFETY DATA SHEET



## ZEP GUMFREE GUM REMOVER AERO 12X235GR

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under Transport Dangerous Goods (TDG) Canada regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

### SECTION 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

**The components of this product are reported in the following inventories:**

**TSCA** On TSCA Inventory  
**DSL** All components of this product are on the Canadian DSL

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

#### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

### SECTION 16. OTHER INFORMATION

WHMIS - GHS Label Information:

Hazard pictograms :



Signal word :

**Danger:**

Hazard statements :

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

Precautionary statements :

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition



# SAFETY DATA SHEET



## ZEP GUMFREE GUM REMOVER AERO 12X235GR

Version 1.1

Revision Date 05/12/2017

Print Date 10/05/2017

sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

---

Version:	1.1
Revision Date:	05/12/2017
Print Date:	10/05/2017

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

Zep Inc. markets products under well recognized and established brand names such as Zep®, Zep Commercial®, Zep Professional®, Enforcer®, National Chemical™, Selig™, Misty®, Next Dimension™, Petro®, i-Chem®, TimeMist®, TimeWick™, MicrobeMax®, Country Vet®, Konk®, Original Bike Spirits®, Blue Coral®, Black Magic®, Rain-X®, Niagara National™, FC Forward Chemicals®, Rexodan®, Mykal™, and a number of private labeled brands.