

# GUM REMOVER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	1
	Health	1		Fire Hazard	0
	Reactivity			Reactivity	0
	Specific Hazard				
Protective Clothing	None required.		Emergency Overview	Colorless. Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. May cause eye and skin irritation.	

## Section 1. Chemical Product and Company Identification

<b>Product Name</b> GUM REMOVER		<b>Code</b> 4198 & 5257
<b>Product Use</b> Industrial/Institutional: Carpet care.		<b>PMS#</b> 432360
<b>MSDS#</b> 126330001		<b>Validation Date</b> 2/7/2005
<b>U.S. Headquarters</b> JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	<b>Canadian Headquarters</b> JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	
		<b>Print Date</b> 2/7/2005
		<b>Supersedes</b> 9/30/2002
		<b>In Case of Emergency</b> (800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Pentane	109-66-0	5-10	TWA: 1770 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] [1998]	Not available.
1,1,1,2-Tetrafluoroethane	811-97-2	60-100	Not available.	Not available.

## Section 3. Hazards Identification

<b>Routes of Entry</b>	Inhalation. Skin contact. Eye contact.
<b>Potential Acute Health Effects</b>	
<i>Eyes</i>	May cause freezing on contact.
<i>Skin</i>	May cause freezing on contact.
<i>Inhalation</i>	None known.
<i>Ingestion</i>	None known.
<b>Medical Conditions Aggravated by Overexposure:</b>	None known.
See Toxicological Information (section 11)	

### Section 4. First Aid Measures

<b>Eye Contact</b>	Rinse with plenty of running water.
<b>Skin Contact</b>	Flush immediately with plenty of water. If irritation persists, get medical attention.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air.
<b>Ingestion</b>	No specific first aid measures are required.

### Section 5. Fire Fighting Measures

<b>Flammability of the Product</b>	NFPA 30B Level 1 Aerosol.
<b>Flash Points</b>	None.
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide. Fight fire from protected location or maximum possible distance. In case of fire and/or explosion do not breathe fumes.
<b>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Special Remarks on Fire and Explosion Hazards</b>	Aerosol product - Containers may rocket or explode in heat of fire.

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

### Section 7. Handling and Storage

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Use only in well-ventilated areas. Keep away from heat, sparks and flame. Do not puncture or incinerate. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Pressurized container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<b>Eyes</b>	Safety glasses recommended.
<b>Hands</b>	No special requirements under normal use conditions. For prolonged or repeated contact with skin: Impervious gloves.
<b>Respiratory</b>	No special requirements under normal use conditions.
<b>Feet</b>	No special requirements under normal use conditions.
<b>Body</b>	If major exposure is possible, wear suitable protective clothing.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid. (Aerosol.)
<b>Odor</b>	Characteristic.
<b>Color</b>	Colorless.
<b>Solubility in water</b>	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	Metal salt.
Hazardous Decomposition Products	Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	Not available.
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can. Dispose of according to all federal, state and local regulations.
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**Section 14. Transport Information**

<b>DOT Classification</b>	
<b>DOT Proper Shipping Name</b> <b>DOT Class</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>TDG Classification</b>	
<b>TDG Proper Shipping Name</b> <b>TDG Class</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

**US Regulations**

**Federal** SARA 302/304/311/312 hazardous chemicals: Pentane  
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Pentane  
Clean air act (CAA) 112 accidental release prevention: Pentane  
Clean air act (CAA) 112 regulated flammable substances: Pentane

**State** New Jersey: Pentane  
Massachusetts spill list: Pentane  
Massachusetts RTK: Pentane  
Pennsylvania RTK: Pentane

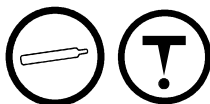
This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** CLASS A: Compressed gas.  
CLASS D-2B: Material causing other toxic effects (TOXIC).

**WHMIS Icon**



**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

### Section 16. Other Information

**Other Special Considerations** Not available.

**Version** 3

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