

MATERIAL SAFETY DATA SHEET

(MSDS)

ITEM NUMBER: 802 - PAULSEN CHEWING GUM REM 7 OZ

CLC 802.1295

IDENTITY (As Used On Label and List): GUM OFF

Emergency Medical Telephone Number 8002285635X009 (24 HRS)

PRODUCT HAZARD RATINGS: Health = 1, Fire = 4, Reactivity = 0, Protective Equipment = *A (HMIG)
Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal

Section I

PAULSEN & ROLES LABS
P. O. BOX 12107

TELEPHONE NUMBER FOR INFORMATION:

PORTLAND
OR 97212

DATE PREPARED: 12/31/95
NAME OF PREPARER: Philip T. Miller

Section II - Hazardous Ingredients/Identity Information

Chemical Names	Exposure Limits (LD50-Oral Rat)	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Dimethyl Ether(CAS# 115-10-6)	-	NO	-	NA	Gas
Tetrafluoroethane(CAS# 811-97-2)	-	NO	NA	NA	Mixture
Liquefied Petroleum Gas (CAS# 68476-85-7)	-	NO	-	-	100%

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.
Components Listed As A Suspected Carcinogen: None

Section III - Physical Characteristics

Boiling Point: NA Vapor Pressure (psig): 155-165 @130F Specific Gravity (H2O=1): <1
Solubility/Water: Vapor Density (AIR=1): >1 Evaporation Rate (Ether=1): <1
Appearance and Odor: Clear, colorless, ethereal odor.

Section IV - Fire and Explosion Hazard Data

Aerosol Flammability: This product is considered to be flammable as described in 16CFR 1500.45.

Flammable Limits - % Volume In Air (Propellant): (approx)LEL: 1.8 UEL: 9.2

Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.
Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Section V - Reactivity Data

Stability: Stable

Hazardous Polymerization: NA

Incompatibility (Materials to Avoid): Oxidizing agents Hazardous Decomposition Products:
Hydrofluoric acid, carbonyl fluoride, oxides of carbon and additional toxic chemicals may be formed in small amounts.

Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X
Signs and Symptoms of Exposure: Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness, or death. Eye or skin contact with liquid may cause freezing or frost bite. Ingestion is not considered a potential route of exposure.
Medical Conditions Generally Aggravated by Exposure: Preexisting diseases of the central nervous system may be aggravated by exposure to this product.
Emergency and First Aid Procedures: Eye Contact: Flush eyes with large amounts of water and allow to evaporate. Get medical attention if irritation persists. Inhalation: If unconscious, remove victim to fresh air and call a physician.

Section VII - Precautions for Safe Handling and Use

Releases or Spilled: Remove all sources of ignition and provide good ventilation.
Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.
Handling And Storing: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 2 Aerosol (NFPA 30B).
Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Section VIII - Employee Protection

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.
Ventilation: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.
Protective Gloves: Optional: Chemical resistant gloves*.
Eye Protection: Chemical safety glasses are recommended*.
Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.
Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

Section IX - Other Regulatory Controls

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Section X - Transportation (D.O.T. Classification)

Shipping Name: Consumer Commodity

Hazard Class: ORM-D

NG-- Negligible NA-- Not Applicable NE-- Not Established UN-- Unavailable ND-- Not Determined

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