

QuestVapco Corporation
P.O. Box 624
Brenham, TX 77834
Emergency Phone Number: (800) 231-0454

DATE PREPARED: 07/09/2013
REVISION DATE: 07/09/2013
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 2280

SECTION I - IDENTIFICATION

PRODUCT NAME: Freze-It
PRODUCT CODE: 2280
PRODUCT USE: Chewing Gum Remover

SECTION II - COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Propane/n-Butane	68476-86-8	N/A	1000 ppm

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **Extremely Flammable!** Aerosol under pressure. Do not expose to temperatures greater than 120°F or store in direct sunlight; may cause can to burst.

ROUTES OF ENTRY: Eyes, Inhalation, Skin

EYES: May cause irritation, redness.

INGESTION: Not a likely route of exposure under normal product handling conditions.

INHALATION: Inhalation of vapor may produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation depending upon concentration and time of exposure.

SKIN: Contact with evaporating liquid can cause frostbite.

MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY:
OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops.

INGESTION: Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Allow skin to return to room temperatures. Seek immediate medical attention.

NOTE TO PHYSICIAN: None

SECTION V - FIRE-FIGHTING MEASURES

FLASH POINT: -156°F (Estimated)

FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER: 9.5 **LOWER:** 1.8

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: **Flammable!** Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Cool containers with water spray.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

Material Safety Data Sheet
Freze-It

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Product will normally evaporate rapidly, leaving no residue. Ventilate area especially low places where heavy vapors might collect.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection.

RCRA STATUS: Non-hazardous - This product vaporizes readily under standard atmospheric conditions.

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting.

OTHER PRECAUTIONS: Keep out of the reach of children.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PROTECTIVE CLOTHING: Safety glasses and chemical resistant gloves are recommended.

ADDITIONAL MEASURES: Contents are a mixture of liquified petroleum gas. Do not use near open flame. Direct contact with skin can cause frostbite.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Canister spray is not visible under standard conditions.

ODOR: No distinct odor

PHYSICAL STATE: Aerosol Spray

BOILING POINT: Range = -0.9° to 31.1°F

FREEZING POINT: -309°F

VAPOR PRESSURE (mm Hg): 46 PSIG

VAPOR DENSITY (AIR=1): 1.85

EVAPORATION RATE: > 3 (Fast)

SPECIFIC GRAVITY (H₂O=1): 0.56 @ 77°F (25°C)

pH: Not Applicable

SOLIDS (%): 0%

SOLUBILITY IN WATER: 0.008% @ 70°F (21°C)

VOLATILITY INCLUDING WATER (%): 100 %

VOLATILE ORGANIC COMPOUNDS (VOC): 100%

DIELECTRIC STRENGTH (Volts): N/A

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120°F and sources of ignition.

INCOMPATIBILITY: Oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Propane/n-Butane (68476-86-8) LC₅₀ (Inhalation, Rat, 4hr) 685 mg/m³

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Available

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection.

RCRA STATUS: Non-hazardous - This product vaporizes readily under standard atmospheric conditions.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Non-corrosive Cleaning Compound

HAZARD CLASS/DIVISION: ORM-D

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

NOTE:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: Fire Hazard.

SARA 313 REPORTABLE INGREDIENTS: Propane/n-Butane (68476-86-8)

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 4

HMIS FLAMMABILITY: 4

NFPA REACTIVITY: 1

HMIS REACTIVITY: 1

NFPA OTHER: N/A

HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Tad Hebdon

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