



Material Safety Data Sheet

N/A=Not Applicable

(Prepared According To 29 CFR 1910, 1200)

Effective Date: 02/02/03

Product Identification

Product Name: Hydra Freeze
 Generic Name: Gum Remover
 Supplier's Name: HydraMaster
 Supplier's Address: 11015 47th Avenue West, Mukilteo, WA 98275

Chemical Family: Cleaner
 Formula: Mixture
 Phone Number: (425) 775-7272
 Emergency: (425) 775-7272

NPCA Hazardous Materials Identification System

Health	3
Flammability	3
Reactivity	0
Maximum Personal Protection	A

Ingredients

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Isobutane	75-28-5					
Propane	74-98-6					

Physical Data

Boiling Range: -32° F Specific Gravity: (H20=1):0.57
 Vapor Pressure: 100+5 Vapor Density: (Air=1) Greater than (1)
 %Volatile: 100% pH: N/A
 Solubility in Water: Slight Evaporation Rate: N/D
 Physical Description: Clear, colorless odorless gas in an aerosol can.

Reactivity Data

Stability: Stable
 Hazardous Polymerization: Will Not Occur
 Incompatibility (Materials to Avoid): Strong oxidizers
 Hazardous Decomposition Products: Oxides of carbon

Fire and Explosion Hazard Data

Concentrate Flash Point (Method): N/D Explosive Limits
 Propellant Flash Point (Method): N/D Upper: N/A
 Flash Point (Method): N/D Lower: N/A
 Extinguishing Media: Use water spray to keep containers cool. Contains an extremely flammable gas.
 Special Fire Fighting Procedures: Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers of public watercourses. Wear self-contained breathing apparatus in chemical fires.
 Unusual Fire and Explosion Hazards: Aerosol container (pressurized) may burst if heated over 120°F. Extremely flammable contents. Vapors are heavier than air and may accumulate in low lying areas. Vapors are easily ignited by pilot lights, flame, sparks, static electricity, electrical motors, switches, etc.

Storage and Handling Information

Precautions to be Taken in Handling and Storage: Do not use near ignition sources such as heat, sparks, open flame, etc. Direct spray away from face. Replace cap when not in use. Do not get in eyes, on skin or clothing. Do not smoke while using..
 Other Precautions: Follow label direction carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Store in a cool (under 120°F) dry location away from heat, sparks, open flame and direct sunlight.

Health Hazards and First Aid

Effect of Overexposure:
 Primary Route of Entry:
 Skin: Cold or freezing sensation.
 Eyes: Cold or freezing sensation.
 Inhalation: Disorientation, lack of coordination, excitation, headache, nausea if inhaled.
 Ingestion:

First Aid Procedures
 Skin: Flush or immerse area(s) in lukewarm water. If skin is not burned or frozen, keep warm and stimulate circulation with massage. Get medical attention.
 Eyes: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention.
 Inhalation: Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
 Ingestion: Unlikely as this product is a gas at room temperature and pressure.

Special Protection Information

Respiratory Protection: Not usually necessary. Use with adequate ventilation.
 Protective Gloves: Only if direct contact possible.
 Other Protective Equipment: Not usually necessary. If direct contact possible, wear apron, boots, face shield, gloves, etc.

Ventilation: Local Exhaust: Not usually necessary. Mechanical (General): Acceptable. Special: None. Other: None.

Eye Protection: Only if direct contact possible.

Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled:
 Danger, extremely flammable gas. Isolate traffic and ventilate area. Eliminate all ignition sources.
 Wear protective gear as necessary. Dike to prevent spread.

Waste Disposal Method:
 Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.