

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION	
NFPA Rating: Health-2; Flammability-1; Reactivity-0; Special-G Manufactured For: Triple S Address: 2 Executive Park Dr. Address: Billerica, MA 01862 Phone: 978-667-7900	HMIS Rating: Health-2; Flammability-1; Reactivity-0; Personal Protection-G DOT Hazard Classification: ORM-D Identity (trade name as used on label): <b style="text-align: center;">CHEWING GUM REMOVER NF MSDS Number: 185 Revision- 1 Date Prepared: 10/15/97 Prepared By: DL Information Calls: 978-667-7900
EMERGENCY RESPONSE NUMBER: 1-800-255-3924 NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
1,1,1,2-TETRAFLUOROETHANE	811-97-2	No	NE	NE	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: N/A	Specific Gravity (H2O=1): Concentrate Only = N/A
Vapor Pressure: PSIG @ 70°F (Aerosols): 80-100	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: None	Water Reactive: No
Appearance and Odor: Clear forceful spray, odorless.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NON-FLAMMABLE	Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A		EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.		

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizing agents.	
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.	
Conditions to Avoid: Open flame, welding arcs, heat, sparks.	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Excessive inhalation of vapors can cause central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness.	
Eye Contact: "Frostbite-like" effects may occur.	
Skin Contact: "Frostbite-like" effects may occur.	
Ingestion: Not a route of entry.	
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Excessive inhalation of vapors can cause central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness. Irregular heartbeat with a strange sensation in the chest, "heart thumping", apprehension, lightheadedness, feeling of fainting, dizziness, weakness, sometimes progressing to loss of consciousness and death. Suffocation, if air is displaced by vapors.	
Medical Conditions Generally Aggravated by Exposure: Increased susceptibility to the effects of this material may be observed in persons with pre-existing disease of the central nervous system or cardiovascular system.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.	
Skin Contact: Flush with water for 15 minutes. Treat for frostbite if necessary by gently warming affected area. If irritated, seek medical attention.	
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.	
Ingestion: Not a potential route of entry.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH approved for organic vapor.	
Protective Gloves: Neoprene	Eye Protection: Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.	
Other Protective Clothing & Equipment: None	
Hygienic Work Practices: Wash with soap and water before handling food.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.	
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.	
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 126°F. Avoid exposure to strong oxidizers.	
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination.	

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

THIS MSDS IS CURRENT AS OF JANUARY 10, 2000. The DATE PREPARED section is the original date assembled and remains current until a change is necessary.