

Material Safety Data Sheet*
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor
 Occupational Safety & Health
 Administration
 (Non-Mandatory Form)
 OBM no. 1218-0072

Identity (as used on Label & List)

Note: Blank spaces are not permitted.
 If any item is not applicable,
 or no information is applicable
 the space must be marked to
 indicate that.

CHEWING GUM REMOVER

Section I

Distributor's Name
 Duraclean International, Inc.

Emergency Telephone Number:
 847-704-7100

Address (Number, Street)
 220 Campus Drive

Telephone Number for Information:
 847-704-7100

Address (city, state & zip)
 Arlington Heights, IL 60004

Date Prepared: October 31, 1995
 Supersedes: November 19, 1991

Manufacturer's Name:
 Clair Manufacturing Co.
 Addison, IL 60101 (800/228-5635
 X009 #802)

Signature of Preparer:
 Henry Hakewill, Jr.
 *Based upon information provided by
 manufacturer.

Section II - Hazardous Ingredients / Identity Information

Hazard Components (Specific Chemical Identity:
 (Specific Chemical Identity:

(Specific Chemical Identity:	CAS NO.	OSHA PEL	ACGIH TLV
Dimethylether	115-10-6	--	N/A
Tetrafluoroethane	811-97-2	N/A	N/A
Liquefied Petroleum Gas	68476-85-7	--	--

Section III - Physical / Chemical Characteristics

Boiling Point (F)	N/A	Specific Gravity (H2O=1)	< 1
Vapor Pressure (psig) 155-165 @ 130 F		Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Ether = 1)	<1
Solubility in Water 1.0% at 70 F		pH: N/A	

Appearance and Odor
 Clear, colorless with ethereal odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Product is flammable, but flash point is N/A as it is a gas.	Approx. % Volume in air (propellant)	1.8	9.2

Extinguishing Media
 Carbon dioxide, foam and/or dry chemical.

Section IV - Fire and Explosion Hazard Data cont.**Special Fire fighting Procedures**

Keep containers cool by spraying with water to prevent vapor pressure build up. Use shielding to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards

At elevated temperatures (over 54 C. or 130 F.) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure resulting in bursting or rupturing.

Section V - Reactivity Data

Stability	Unstable -	Conditions to Avoid
	Stable - X	sources of heat: direct sunlight, open flames, sparks. DO NOT store above 130 F Dropping containers may cause bursting.

Incompatibility (Materials to Avoid)

Oxidizing agents

Hazardous Decomposition or Byproducts

Hydrofluoric acid, carbonyl fluoride, oxides of carbon & additional toxic chemicals may be formed in small amounts.

Hazardous Polymerization

May Occur -	Conditions to Avoid
Will not occur - X	N/A

Section VI - Health Hazard Data

Route(s) of Entry: Eyes? Yes Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic)

Eye or skin contact with product liquid may cause freezing or frostbite. Inhalation of high concentrations of vapor is harmful & may cause heart irregularities, unconsciousness or death. Ingestions is not considered to be a potential route of exposure.

Carcinogenicity:	NPT?	IARC Monographs?	OSHA Regulated?
None			

Signs & Symptoms of Exposure

Inhalation of product may cause dizziness, feeling of intoxication & loss of coordination. Redness or burning sensation in eyes. Extremely cold sensation on skin or irritation of skin.

Medical Conditions Generally Aggravated by Exposure

Pre-existing diseases of the central nervous system.

Emergency and First Aid Procedures

Eyes - flush with water for 15 minutes and allow to evaporate.

Skin - flush affected skin with water & then wash it with soap & water. If freezing or frostbite occurs, get medical attention.

Inhalation - remove victim to fresh air & if unconscious, get immediate medical attention.

Ingestion - obtain immediate medical attention.

IF SYMPTOMS OF ANY OF THE ABOVE EXPOSURES PERSIST OR WORSEN OBTAIN PROMPT MEDICAL ATTENTION.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Remove all sources of ignition & ventilate the area.

Waste Disposal Method

DO NOT puncture or incinerate product containers. When contents are depleted, continue to depress valve bottom until all gas is expelled. Dispose of empty containers in an approved hazardous waste facility in accordance with all local, state & federal regulations.

Precautions to be Taken in Handling and Storing

Avoid breathing vapor. Keep away from heat & flame. Use only with adequate ventilation. Do NOT puncture or incinerate product containers! Do NOT expose to direct sun light or store at temperatures above 130 F (54 C). Read & follow directions on product label.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required if good ventilation is maintained. When using in a confined or closed space, wear a NIOSH/MSHA approved supplied air respirator.

Ventilation	Local Exhaust: For normal usage, good cross ventilation is adequate.	Special:	N/A
	Mechanical (General): For use in confined or closed spaces, mechanical ventilation is required.	Other:	N/A

Protective Gloves:

Not required for normal usage. To avoid contact with sensitive skin in or unusual applications, wear chemical resistant gloves.

Eye Protection:

Not required for normal usage. For hazardous applications, wear chemical safety goggles.

Other Protective Clothing or Equipment

Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices

Only use product under sanitary conditions in surrounding work area. After handling or using product, wash hands thoroughly before eating, smoking or using restroom.

Do NOT take internally. KEEP OUT REACH OF CHILDREN.

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC.

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OSHA 174, Sept. 1985

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