

The Butler Corporation

251 Moody Street
 Ludlow, Massachusetts 01056
 Telephone 1-800-535-5025

HAZARD RATING HMIS

Health = 2, Flammability = 0, Reactivity = 0
 (Index: 4 = very high, 3 = high, 2 = moderate
 1 = slight, 0 = insignificant)

Material Safety Data Sheet**I. General Information**

Trade Name & Synonym Aerosol Chewing Gum Remover	Chemical Family Fluorocarbon
Chemical Name & Synonym 1,1,1,2 Tetrafluoroethane (Fluorocarbon 134a)	Date prepared April 1996
	Prepared by Aziz Ullah Ph.D.

II. Ingredients

1,1,1,2 Tetrafluoroethane (Cas 811-97-2)

III. Physical Properties

Boiling Point -15.1 °F	Specific Gravity(Water=1) 1.27 at 20 °C
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Vapor Pressure(mm Hg.)
4268 at 20 °C

Melting Point
ND

Vapor Density(AIR=1)
3.3

Evaporation Rate (Butyl Acetate=1)
ND

Solubility in Water
Very slight solubility

Appearance and odor
Colorless liquefied gas

pH (Liquid as is)
NA

IV. Fire and Explosion Hazard Data

Flash Point (TOC) Does not flash under ambient conditions of temperature and pressure	Flammable Limits NA	LEL NA	UEL
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Extinguishing Media

Not applicable. Use media suitable for surrounding fire, like Foam, CO₂, Dry Chemical, Water Fog

Special Fire Fighting Procedures

Usual Fire fighting procedures can be used

Unusual Fire and Explosion Hazards

Heavy vapors can suffocate

V. Reactivity Data

Stability	Unstable	Conditions to avoid
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Stable

X

Incompatibility (Materials to avoid)

Strong oxidizing agents

Hazard Decomposition or Byproducts

When Exposed to fire emits highly toxic products of combustion

Hazardous	May occur	Conditions to avoid
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Polymerization

Will not occur

X

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