

The Butler Corporation

251 Moody Street
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HAZARD RATING HMIS

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

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

Trade Name & Synonym	Chemical Family	
Gel Gum Remover	Surfactant/Biodegradable solvents, Thixotropic agents	
Chemical Name & Synonym	Date prepared	Prepared by
Mixture	Jan 1996	Aziz Ullah Ph.D.

II. Ingredients

D-Limonene, Surfactants, Rheological agents

III. Physical Properties

Boiling Point	Specific Gravity(Water=1)
<180°F	0.84
Vapor Pressure(mm Hg.)	Melting Point
ND	ND < 32°F
Vapor Density(AIR=1)	Evaporation Rate (Butyl Acetate=1)
>1	>1
Solubility in Water	Appearance and odor
Very slight solubility	Tan green gel/ Citrus odor
pH (Liquid as is)	
NA	

IV. Fire and Explosion Hazard Data

Flash Point (TOC)	Flammable Limits	LEL	UEL
145°F (Combustible)	ND	ND	

Extinguishing Media

Foam, CO₂, Dry Chemical, Water Fog

Special Fire Fighting Procedures

Usual Fire fighting procedures can be used

Unusual Fire and Explosion Hazards

None Known

V. Reactivity Data

Stability	Unstable	Conditions to avoid
	Stable	
	X	
Incompatibility (Materials to avoid)		
<u>Strong oxidizing agents</u>		
Hazard Decomposition or Byproducts		
<u>When Exposed to fire emits normal products of combustion</u>		
Hazardous	May occur	Conditions to avoid
Polymerization		
	Will not occur	
	X	

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VI. Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion	Eyes
<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	

Health Hazards

Direct contact of product with eyes can cause irritation, prolonged or repeated contact with skin may irritate

Signs and Symptoms of Exposure

Irritation discomfort

Medical Conditions Aggravated by Exposure

None known

Emergency and First Aid Procedures

Flush Thoroughly with water If irritation persists see physician if ingested drink milk or water see physician

VII. Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Flush with water, (Non-Hazardous waste)

Waste Disposal Method

Check with federal state or local regulations, waste may be discharged into sanitary sewer as non -hazardous waste if regulations permit

Precautions to be taken in Handling and Storing

Keep away from heat, keep away from eyes and repeated or prolonged contact with skin

Other Precautions

NA

VIII. Control Measures

Respiratory Protection

Air circulation, should be sufficient

Ventilation	Local Exhaust	X	Special
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Provide ventilation

Mechanical	X	Other
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Protective Gloves

For repeated contact impermeable gloves suggested

Eye Protection

Monogoggles suggested

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

Wash after handling Keep out of reach of children

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