

SAFETY DATA SHEET
Klean-Strip Gum & Adhesive Remover

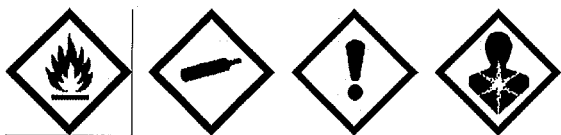
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Supersedes Revision: 01/06/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Klean-Strip Gum & Adhesive Remover	Phone Number:	Gum-&Adhesive Remover Klean-Strip
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	(901)775-0100	
Web site address:	www.wmbarr.com		
Emergency Contact:	3E 24 Hour Emergency Contact	(800)451-8346	
Information:	W.M. Barr Customer Service	(800)398-3892	
Intended Use:	Removes gum, adhesives, stickers, crayon, lipstick, wax, grease, etc. from most surfaces.		
Synonyms:	EZI303.1		
Additional Information	This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.		

2. HAZARDS IDENTIFICATION

Flammable Aerosols, Category 1
Gas Under Pressure, Liquefied gas
Skin Sensitization, Category 1A
Germ Cell Mutagenicity, Category 1A
Specific Target Organ Toxicity (single exposure), Category 3
Aspiration Toxicity, Category 1
Simple Asphyxiant



GHS Signal Word: Danger

GHS Hazard Phrases:

- H222: Flammable aerosol.
- H280: Containers gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H317: May cause an allergic skin reaction.
- H335: May cause respiratory irritation.
- H340: May cause genetic defects.

GHS Precaution Phrases:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P211: Do not spray on an open flame or any other ignition source.
- P251: Pressurized container: Do not pierce or burn, even after use.
- P261: Avoid breathing gas/mist/vapors/spray.
- P271: Use only outdoors or in a well-ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P281: Use personal protective equipment as required.

GHS Response Phrases:

- P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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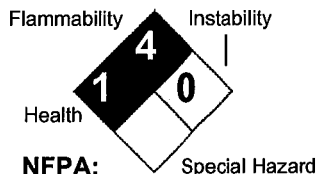
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GHS Storage and Disposal Phrases:

P308+313: IF exposed or concerned: Get medical attention/advice.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P321: Specific treatment see label.
P331: Do NOT induce vomiting.
P333+313: If skin irritation or rash occurs, seek medical advice/attention.
P362+364: Take off contaminated clothing and wash it before reuse.
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P410+403: Protect from sunlight and store in well-ventilated place.
P412: Do not expose to temperatures exceeding 50 °C/122 °F.
P501: Dispose of contents/container according to local, state and federal regulations.

Hazard Rating System:

HEALTH	*	2
FLAMMABILITY		4
PHYSICAL		1
PPE		X



HMIS:

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

Potential health effects are for individual ingredients found in this product.

INHALATION ACUTE EXPOSURE EFFECTS:

Breathing high concentrations may be harmful. Mist or vapor can irritate the eyes, throat and lungs. May cause central nervous system depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness, or unconsciousness. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

The propellant in this product is a simple asphyxiant.

SKIN CONTACT ACUTE EXPOSURE EFFECTS:

Can cause mild transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, drying, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation (dermatitis).

EYE CONTACT ACUTE EXPOSURE EFFECTS:

Can cause transient mild eye irritation with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness, and swelling. Vapor may be irritating to the eyes.

INGESTION ACUTE EXPOSURE EFFECTS:

If swallowed, this material may irritate the mucous membranes of the mouth, throat, and esophagus. It can be readily absorbed by the stomach and intestinal tract. Symptoms include a burning sensation of the mouth and esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness, and delirium, as well as additional central nervous system effects.

There is a danger of aspiration into the lungs during vomiting. This can result in severe lung damage or death.

CHRONIC EXPOSURE EFFECTS:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged or repeated contact may cause dermatitis and irritation of the skin.

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TARGET ORGANS: Kidneys, lungs, liver, mucous membranes, upper respiratory tract, skin, central nervous system, and eyes.

Medical Conditions Generally Disorders of the skin, respiratory system, liver, kidneys, central nervous system.

Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
64742-88-7	Solvent naphtha medium aliphatic	50.0 -80.0 %	WF3450000
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	20.0 -30.0 %	NA
97-85-8	Isobutyl isobutyrate	5.0 -10.0 %	NQ5250000
64742-95-6	Petroleum Hydrocarbons	5.0 -10.0 %	WF3400000
95-63-6	1,2,4-Trimethylbenzene {Pseudocumene}	< 5.0 %	DC3325000
5392-40-5	Citral	< 5.0 %	RG5075000
9003-29-6	Butene, Homopolymer	< 5.0 %	EM9032000
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	< 1.0 %	GR8575000

Additional Chemical Information

Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

INHALATION:

If user experiences breathing difficulty, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SKIN CONTACT:

Immediately wash with soap and water. If irritation persists, get medical attention.

EYE CONTACT:

Immediately flush with water, remove any contact lens, continue flushing with water for at least 15 minutes, then get immediate medical attention.

INGESTION:

Do not induce vomiting, unless directed to by medical personnel. Call your poison control center, hospital, emergency room, or physician immediately.

Signs and Symptoms Of Exposure:

See Potential Health Effects.

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5. FIRE FIGHTING MEASURES

Flammability Classification: Level 3 Aerosol

Flash Pt: NE

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use carbon dioxide, dry powder, or foam. Water spray may be effective.

Unsuitable Extinguishing Media: None known.

Fire Fighting Instructions: Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards: FLASHPOINT OF LIQUID: >100 F
FLASHPOINT OF PROPELLANT: -117.83 F

Danger! Extremely Flammable! Keep away from heat, sparks, flame, and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Contents under pressure. Do not puncture, incinerate or store above 120 degrees F. Exposure to heat or prolonged exposure to sun may cause bursting.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Vapors may cause flash fire or ignite explosively.

Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large spills: Dike far ahead of spill for collection and use or later disposal.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container. Do not puncture or incinerate.

Avoid breathing of vapors or mist and contact with skin, eyes and clothing. Do not take internally.

Precautions To Be Taken in Storing: Store as a Level 3 Aerosol (NFPA).

Replace overcap on container after each use. Store in a cool, dry place. Do not puncture or incinerate. Do not store near flames or at elevated temperatures above 120

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F. Exposure to heat or prolonged exposure to sun can cause bursting.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-88-7	Solvent naphtha medium aliphatic	No data.	No data.	No data.
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	No data.	No data.	No data.
97-85-8	Isobutyl isobutyrate	No data.	No data.	No data.
64742-95-6	Petroleum Hydrocarbons	No data.	No data.	No data.
95-63-6	1,2,4-Trimethylbenzene {Pseudocumene}	No data.	No data.	No data.
5392-40-5	Citral	No data.	No data.	No data.
9003-29-6	Butene, Homopolymer	No data.	No data.	No data.
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	PEL: 50 ppm	TLV: 50 ppm	No data.

**Respiratory Equipment
(Specify Type):**

For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dusk mask does not provide protection against vapors.

Eye Protection:

Chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury where splashing or spraying of product is possible.

Protective Gloves:

Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing:

Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons to minimize exposure.

**Engineering Controls
(Ventilation etc.):**

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

**Work/Hygienic/Maintenance
Practices:**

Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

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Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: ☒ Gas ☒ Liquid ☐ Solid
Appearance and Odor: Clear yellow liquid.
Melting Point: No data.
Boiling Point: > 300.00 F
Autoignition Pt: No data.
Flash Pt: NE
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 0.8
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: < 1
Solubility in Water: negligible
Percent Volatile: 100.0 % by weight.

10. STABILITY AND REACTIVITY

Stability: Unstable ☐ Stable ☒
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Incompatible with strong oxidizing agents, acids, alkalies, and nitric and sulfuric acid.
Hazardous Decomposition Or Byproducts: Decomposition may produce carbon monoxide, carbon dioxide, acrid smoke, and various hydrocarbons.
Possibility of Hazardous Reactions: Will occur ☐ Will not occur ☒
Conditions To Avoid - Hazardous Reactions: No data available.

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11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested or evaluated as a mixture for toxicological properties. Refer to section 2 for acute and chronic effects.

Carcinogenicity/Other Information: CAS# 64742-95-6:
Acute toxicity, LD50, Oral, Rat, 8400. MG/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Behavioral: Tremor.
Lungs, Thorax, or Respiration: Other changes.
- National Technical Information Service, Vol/p/yr: OTS0534799,

Standard Draize Test, Eyes, Species: Rabbit, 100.0 UL, 24 H, Mild.
Result:
Brain and Coverings: Changes in surface EEG.
Blood: Changes in serum composition (e.g.
Related to Chronic Data - changes in testicular weight.
- National Technical Information Service, Vol/p/yr: OTS0534779,

CAS# 5392-40-5:
Standard Draize Test, Skin, Human, 16.00 MG, 48 H, Severe.
Result:
Lungs, Thorax, or Respiration: Other changes.
Liver: Fatty liver degeneration.
- Cosmetics and Toiletries., Allured Pub. Corp., POB 318, Wheaton, IL 60189, Vol/p/yr: 94(8), 41, 1979
IARC 2B - Possibly carcinogenic to humans
ACGIH A4 - Not Classifiable as a Human Carcinogen.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-88-7	Solvent naphtha medium aliphatic	n.a.	n.a.	n.a.	n.a.
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	n.a.	n.a.	n.a.	n.a.
97-85-8	Isobutyl isobutyrate	n.a.	n.a.	n.a.	n.a.
64742-95-6	Petroleum Hydrocarbons	n.a.	n.a.	n.a.	n.a.
95-63-6	1,2,4-Trimethylbenzene {Pseudocumene}	n.a.	n.a.	n.a.	n.a.
5392-40-5	Citral	n.a.	n.a.	n.a.	n.a.
9003-29-6	Butene, Homopolymer	n.a.	n.a.	n.a.	n.a.
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	n.a.	2B	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This product has not been tested as a mixture for ecological properties.

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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: AEROSOLS, flammable

DOT Hazard Class: 2.1 FLAMMABLE GAS

UN/NA Number: UN1950



Additional Transport Information:

The shipper/supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-88-7	Solvent naphtha medium aliphatic	No	No	No
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	No	No	No
97-85-8	Isobutyl isobutyrate	No	No	No
64742-95-6	Petroleum Hydrocarbons	No	No	No
95-63-6	1,2,4-Trimethylbenzene {Pseudocumene}	No	No	Yes
5392-40-5	Citral	No	No	No
9003-29-6	Butene, Homopolymer	No	No	No
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	No	Yes 5000 LB	Yes

This material meets the EPA ☒ Yes ☐ No **Acute (immediate) Health Hazard**
'Hazard Categories' defined ☒ Yes ☐ No **Chronic (delayed) Health Hazard**
for SARA Title III Sections ☒ Yes ☐ No **Fire Hazard**
311/312 as indicated: ☒ Yes ☐ No **Sudden Release of Pressure Hazard**
☐ Yes ☒ No **Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64742-88-7	Solvent naphtha medium aliphatic	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
97-85-8	Isobutyl isobutyrate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
64742-95-6	Petroleum Hydrocarbons	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

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95-63-6	1,2,4-Trimethylbenzene {Pseudocumene}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
5392-40-5	Citral	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
9003-29-6	Butene, Homopolymer	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: Yes

16. OTHER INFORMATION

Revision Date: 04/20/2015

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.