

# SAFETY DATA SHEET

## Klean Strip Paint Thinner

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Revision: 12/15/2021

Supersedes Revision: 11/05/2021

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Klean Strip Paint Thinner  
**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113  
**Phone Number:** (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:** Paint, stain, and varnish thinning.  
**Product Code:** GKPT100PSC, GKPT100SC, QKPT104SC

### 2. HAZARDS IDENTIFICATION

**Flammable Liquids, Category 2**  
**Skin Corrosion/Irritation, Category 3**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Specific Target Organ Toxicity (single exposure), Category 3**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** Highly flammable liquid and vapor.  
Causes mild skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

**GHS Precautionary Phrases:** Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/{...} equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing {dust/fume/gas/mist/vapors/spray}.  
Wash {hands} thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear {protective gloves/protective clothing/eye protection/face protection}.  
Keep cool.

**GHS Response Phrases:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
If skin irritation occurs, get medical advice/attention.  
If eye irritation persists, get medical advice/attention.  
In case of fire, use {...} to extinguish.

**GHS Storage and Disposal Phrases:** Store container tightly closed in well-ventilated place.  
Store locked up.  
Dispose of contents/container according to local, state and federal regulations.

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<b>OSHA Regulatory Status:</b>	This material is classified as hazardous under OSHA regulations.
<b>Potential Health Effects (Acute and Chronic):</b>	<p>This product has not been tested as a whole to determine health effects. The health effects listed below are associated with the individual ingredients listed in Section 3.</p> <p><b>EYES:</b> Irritating to the eyes. Causes itching, burning, redness and tearing. May cause corneal injury.</p> <p><b>SKIN:</b> May cause skin irritation. Prolonged or repeated skin contact with liquid may cause defatting resulting in drying, redness and possible blistering. Skin absorption can transport other toxins into the body.</p> <p><b>INHALATION:</b> Causes respiratory tract irritation. Vapors may be irritating to eyes, nose, throat, and lungs. Inhalation of high vapor concentrations can cause central nervous system (CNS) depression and narcosis. High vapor concentrations can cause headaches, dizziness, drowsiness, and nausea, and may lead to unconsciousness.</p> <p><b>INGESTION:</b> Aspiration hazard if swallowed - can enter lungs and cause damage. May cause irritation of the gastrointestinal tract. May cause systemic poisoning with symptoms paralleling those of inhalation.</p> <p><b>CHRONIC OVEREXPOSURE EFFECTS:</b> Causes headache, drowsiness or other effects to the central nervous system. Prolonged or repeated skin contact with liquid may cause defatting resulting in drying, redness and possible blistering. May cause target organ or system damage to the following: respiratory system, nervous system, kidney, blood system, liver. Prolonged or repeated breathing or swallowing of large amounts may cause liver and kidney damage based on reported animal studies.</p> <p><b>TARGET ORGANS:</b> Eyes, Skin, Respiratory system Central nervous system, Heart</p> <p><b>PRIMARY ROUTES OF ENTRY:</b> Inhalation, Skin, Ingestion</p>

**Medical Conditions Generally Aggravated By Exposure:** Skin disorders, Eye disorders, Cardiac irregularities, Respiratory disorders, Asthma

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
67-64-1	Acetone {2-Propanone}	80.0 -100.0 %
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	3.0 -7.0 %
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	1.0 -5.0 %

**Additional Chemical Information** Specific percentage of composition is being withheld as a trade secret.

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### 4. FIRST AID MEASURES

#### Emergency and First Aid Procedures:

##### Skin:

Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

##### Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.

##### Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

##### Ingestion:

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down.

### 5. FIRE FIGHTING MEASURES

#### Flash Pt:

NFPA Class IB

0.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)

#### Explosive Limits:

LEL: N.D. UEL: N.D.

#### Autoignition Pt:

N.D.

**Suitable Extinguishing Media:** Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

#### Unsuitable Extinguishing Media:

Solid streams of water may be ineffective and spread material.

#### 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:

No data available.

#### Hazardous Combustion

Oxides of carbon.

#### Products:

### 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.

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Large spills: Dike far ahead of spill for 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 use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.

Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.

#### Precautions To Be Taken in Storing:

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
67-64-1	Acetone {2-Propanone}	ACGIH TLV	TLV: 500 ppm STEL: 750 ppm	
		OSHA PELs	PEL: 1000 ppm	
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	ACGIH TLV	TLV: 200 mg/m3	
<b>Respiratory Equipment (Specify Type):</b>		For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors.		
		For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.		
		A dust mask does not provide protection against vapors.		
<b>Eye Protection:</b>		Safety glasses should be worn during normal handling of this material.		
		Where contact with the eyes or face is likely, a faceshield or chemical splash goggles should be worn to prevent eye contact.		
<b>Protective Gloves:</b>		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.		
<b>Other Protective Clothing:</b>		Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.		
<b>Engineering Controls (Ventilation etc.):</b>		Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.		

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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, smoking, or using the restroom.

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

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

<b>Physical States:</b>	[ ] Gas    [ X ] Liquid    [ ] Solid
<b>Appearance and Odor:</b>	Colorless liquid with aromatic odor. Odor threshold not determined.
<b>pH:</b>	N.D.
<b>Melting Point:</b>	N.D.
<b>Boiling Point:</b>	> 99.90 F
<b>Flash Pt:</b>	0.00 F    Method Used: Setaflash Closed Cup (Rapid Setaflash)
<b>Evaporation Rate:</b>	> 1
<b>Flammability (solid, gas):</b>	NFPA Class IB
<b>Explosive Limits:</b>	LEL: N.D.    UEL: N.D.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.D.
<b>Vapor Density (vs. Air = 1):</b>	> 1
<b>Specific Gravity (Water = 1):</b>	0.7930 - 0.8130
<b>Density:</b>	6.60 - 6.76 LB/GL
<b>Solubility in Water:</b>	Appreciable

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**Octanol/Water Partition Coefficient:** ND

**Percent Volatile:** 100.0 % by weight.

**VOC / Volume:** 25.0000 G/L

**Autoignition Pt:** N.D.

**Decomposition Temperature:** N.D.

**Viscosity:** < 5 CPS

**Additional Physical Information:** ND = Not Determined.

### 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** Oxidizers, acids, aldehydes, alkalies, amines, ammonia, reducing agents, chlorine compounds, chromic anhydride, chromyl alcohol, hexachloromelamine, hydrogen peroxide, permonosulfuric acid, potassium tertbutoxide, thioglycol.

**Hazardous Decomposition or Byproducts:** Chlorine and flourine gases.  
Carbon monoxide and carbon dioxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

CAS# 67-64-1:

Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.

Result:

Behavioral: Change in motor activity (specific assay).

Behavioral: Alteration of classical conditioning.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

**Carcinogenicity/Other Information:** ACGIH A4 - Not Classifiable as a Human Carcinogen.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone {2-Propanone}	n.a.	n.a.	A4	n.a.
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	n.a.	n.a.	n.a.	n.a.
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	n.a.	n.a.	A4	n.a.

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### 12. ECOLOGICAL INFORMATION

**General Ecological Information:** This product has not been tested as a whole.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with local, state, and federal laws.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

### 14. TRANSPORT INFORMATION

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Paint related material  
**DOT Hazard Class:** 3 FLAMMABLE LIQUID  
**UN/NA Number:** UN1263 **Packing Group:** II



**Additional Transport Information:** The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49 CFR Hazmat Regulations. Please consult 49 CFR 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)
67-64-1	Acetone {2-Propanone}	No	Yes NA	No
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	No	No	No
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-64-1	Acetone {2-Propanone}	TSCA: Inventory
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	TSCA: Inventory, 4 Test, 12(b) CA PROP.65: Yes: Canc.
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	TSCA: Inventory

**Regulatory 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.

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### 16. OTHER INFORMATION

**Revision Date:** 12/15/2021 **Previous revision:** 11/05/2021

**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.