

# SAFETY DATA SHEET

## Klean-Strip Pre-Paint Degreaser

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### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Klean-Strip Pre-Paint Degreaser	
<b>Company Name:</b>	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	<b>Phone Number:</b> (901)775-0100
<b>Web site address:</b>	www.wmbarr.com	
<b>Emergency Contact:</b>	3E 24 Hour Emergency Contact	(800)451-8346
<b>Information:</b>	W.M. Barr Customer Service	(800)398-3892
<b>Intended Use:</b>	Cleaner and degreaser	
<b>Synonyms:</b>	GKCD84001	
<b>Additional Information</b>	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

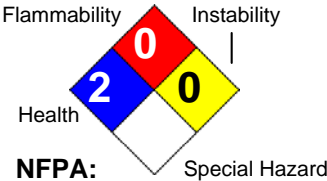
**Acute Toxicity: Oral, Category 4**  
**Acute Toxicity: Skin, Category 4**  
**Acute Toxicity: Inhalation, Category 4**  
**Skin Corrosion/Irritation, Category 1A-1C**  
**Serious Eye Damage/Eye Irritation, Category 1**



<b>GHS Signal Word:</b>	<b>Danger</b>
<b>GHS Hazard Phrases:</b>	H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H332: Harmful if inhaled.
<b>GHS Precaution Phrases:</b>	P260: Do not breathe gas/mist/vapors/spray. P264: Wash hands thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection.
<b>GHS Response Phrases:</b>	P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+352: IF ON SKIN: Wash with plenty of soap and water. P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician. P321: Specific treatment see label. P322: Specific measures see label. P330: Rinse mouth.

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<b>GHS Storage and Disposal Phrases:</b>	P363: Wash contaminated clothing before reuse. P405: Store locked up. P501: Dispose of contents/container according to local, state and federal regulations.												
<b>Hazard Rating System:</b>	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td style="background-color: #0000FF; color: white;">HEALTH</td><td style="width: 20px;"> </td><td style="background-color: #0000FF; color: white;">2</td></tr> <tr><td style="background-color: #FF0000; color: white;">FLAMMABILITY</td><td> </td><td style="background-color: #FF0000; color: white;">0</td></tr> <tr><td style="background-color: #FFA500; color: white;">PHYSICAL</td><td> </td><td style="background-color: #FFA500; color: white;">0</td></tr> <tr><td style="background-color: #FFFFFF; color: black;">PPE</td><td> </td><td style="background-color: #FFFFFF; color: black;">G</td></tr> </table>	HEALTH		2	FLAMMABILITY		0	PHYSICAL		0	PPE		G
HEALTH		2											
FLAMMABILITY		0											
PHYSICAL		0											
PPE		G											
<b>HMIS:</b>	 <p style="text-align: center;"><b>NFPA:</b></p>												
<b>OSHA Regulatory Status:</b>	This material is classified as hazardous under OSHA regulations.												
<b>Potential Health Effects (Acute and Chronic):</b>	<p><b>Inhalation Acute Exposure Effects:</b> May cause dizziness; headache; irritation of respiratory tract; coughing; difficulty breathing; and irritation.</p> <p><b>Skin Contact Acute Exposure Effects:</b> Harmful if absorbed through the skin. May cause irritation; itching; redness; swelling; tissue damage; inflammation; discomfort or pain. May be absorbed readily to produce symptoms similar to those listed under ingestion.</p> <p><b>Eye Contact Acute Exposure Effects:</b> This material is an eye irritant. May cause irritation; excess redness and swelling of the conjunctiva; excessive blinking and tear production and permanent eye injury.</p> <p><b>Ingestion Acute Exposure Effects:</b> Harmful if swallowed. May cause dizziness; headache; nausea; stupor; irritation to mouth, throat, and stomach; depression of the central nervous system; vomiting; gastrointestinal irritation; diarrhea; malaise; discomfort; narcosis; blindness; liver damage; kidney damage; heart damage; and if not treated promptly, death. May produce additional symptoms listed under inhalation.</p> <p><b>Chronic Exposure Effects:</b> Prolonged or repeated contact may cause dermatitis. May cause irritation and inflammation to the eyes, skin, and mucous membranes.</p>												
<b>Medical Conditions Generally Aggravated By Exposure:</b>	Diseases of the skin and eyes.												

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
7732-18-5	Water	85.0 -95.0 %	ZC0110000
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	1.0 -2.0 %	KJ5775000
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	1.0 -2.0 %	WB4900000
61790-12-3	Tall oil acids	1.0 -5.0 %	NA
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	1.0 -10.0 %	KJ8575000

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



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### 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.

**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 #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	PEL: 3 ppm	TLV: 3 ppm STEL: 6 ppm	No data.
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	PEL: 2 mg/m <sup>3</sup>	CEIL: 2 mg/m <sup>3</sup>	No data.
61790-12-3	Tall oil acids	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	PEL: 50 ppm	TLV: 20 ppm	No data.

**Respiratory Equipment (Specify Type):** For OSHA controlled work place 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 dust mask does not provide protection against vapors.

**Eye Protection:** Safety glasses, goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

**Protective Gloves:** Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

**Other Protective Clothing:** Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

**Engineering Controls (Ventilation etc.):** Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with 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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Appearance and Odor:** No data available.  
**Melting Point:** No data.  
**Boiling Point:** > 212.00 F  
**Autoignition Pt:** No data.  
**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** 1.000 - 1.005  
**Bulk density:** 8.340  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Evaporation Rate:** No data.  
**Solubility in Water:** No data.  
**pH:** 12.3 - 13.0  
**Percent Volatile:** 96.17 % by weight.  
**VOC / Volume:** 0.0000 G/L

**10. STABILITY AND REACTIVITY**

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** No data available.  
**Incompatibility - Materials To Avoid:** Incompatible with strong oxidizing agents, strong caustics, acids and reducing agents.  
**Hazardous Decomposition or Byproducts:** Thermal decomposition may produce 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 health effects.

CAS# 141-43-5:  
Acute toxicity, LD50, Oral, Rat, 1720. MG/KG.  
Result:  
Brain and Coverings: Other degenerative changes.  
Autonomic Nervous System: Other (direct) parasympathomimetic.  
Autonomic Nervous System: Parasympatholytic.  
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 42,417, 1977

Open irritation test., Skin, Species: Rabbit, 505.0 MG, Moderate.  
Result:  
Peripheral Nerve and Sensation: Sensory change involving segmental distribution.  
Behavioral: Alteration of classical conditioning.  
- Union Carbide Data Sheet, Union Carbide Corp., 39 Old Ridgebury Rd., Danbury, CT 06817, Vol/p/yr: 1/13, 1972

Standard Draize Test, Eyes, Species: Rabbit, 250.0 UG, Severe.  
Result:  
Peripheral Nerve and Sensation: Sensory change involving segmental distribution.  
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

CAS# 1310-73-2:  
Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H, Severe.  
Result:  
Blood:Change in clotting factors.  
Musculoskeletal: Other changes.  
- "Sbornik Vysledku Toxixologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,7, 1972

Standard Draize Test, Eyes, Species: Rabbit, 1.000 %, Severe.  
Result:  
Blood:Other hemolysis with or withot anemia.  
Blood:Other changes.  
Biochemical: Metabolism (Intermediary): Other proteins.  
- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 111-76-2:  
Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.  
Result:  
Behavioral: Ataxia.  
Nutritional and Gross Metabolic:Weight loss or decreased weight gain.  
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN

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55802, Vol/p/yr: 68,405, 1983

Acute toxicity, LD50, Skin, Species: Rabbit, 220.0 MG/KG.

Result:

Effects on Embryo or Fetus: Extra embryonic structures (e.g., placenta, umbilical cord).

Effects on Embryo or Fetus: Other effects to embryo.

Specific Developmental Abnormalities: Musculoskeletal system.

- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LD50, Oral, Rat, 250.0 mg/kg.

Result:

Lungs, Thorax, or Respiration: Changes in pulmonary vascular resistance.

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.

Result:

Effects on Newborn: Apgar score (human only).

Effects on Newborn: Other neonatal measures or effects.

Effects on Newborn: Drug dependency.

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

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	n.a.	n.a.	n.a.	n.a.
61790-12-3	Tall oil acids	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	n.a.	3	A3	n.a.

## 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 regulations.

## 14. TRANSPORT INFORMATION

### LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:



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### 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)
7732-18-5	Water	No	No	No
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	No	No	No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes 1000 LB	No
61790-12-3	Tall oil acids	No	No	No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	No	No	Yes-Cat. N230

**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
7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
61790-12-3	Tall oil acids	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### 16. OTHER INFORMATION

**Revision Date:** 05/08/2015

**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.