

SAFETY DATA SHEET

Klean Strip Prep All Aerosol

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Printed: 04/17/2015

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Supersedes Revision: 03/20/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Klean Strip Prep All Aerosol	
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:	Automotive preparation and cleaning of surfaces prior to sanding and painting.	
Synonyms:	ESW362	
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
Germ Cell Mutagenicity, Category 1B
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2
Aspiration Toxicity, Category 1
Simple Asphyxiant



GHS Signal Word:	Danger
GHS Hazard Phrases:	H223: Flammable aerosol. H280: Containers gas under pressure; may explode if heated. H304: May be fatal if swallowed and enters airways. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H340: May cause genetic defects. H361: Suspected of damaging fertility or the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.
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. P260: Do not breathe gas/mist/vapors/spray. P271: Use only outdoors or in a well-ventilated area. P281: Use personal protective equipment as required.
GHS Response Phrases:	P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P308+313: IF exposed or concerned: Get medical attention/advice.

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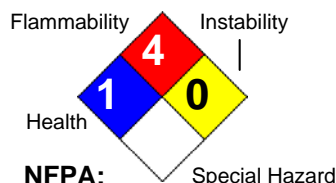
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GHS Storage and Disposal Phrases:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P314: Get medical attention/advice if you feel unwell.
P331: Do NOT induce vomiting.
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	*	1
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):

Inhalation Acute Exposure Effects:

Vapor concentration may cause headache, dizziness, irritation of the respiratory tract, eye irritation, stupor, depression of the central nervous system, watering of the eyes, weakness, nausea, muscle twitches, and kidney effects. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal. Severe overexposure may cause convulsions, unconsciousness, depression of the central nervous system, irritation of the respiratory tract, coma, and death.

Skin Contact Acute Exposure Effects:

May cause irritation, drying of the skin, burning sensation, redness, swelling, and/or blisters. Absorption may cause or increase severity of symptoms listed under inhalation. If the skin is damaged, absorption increases. Prolonged or repeated contact may cause moderate to severe dermatitis. Chronic symptoms may include drying, swelling, scaling, blistering, cracking, and severe tissue damage.

Eye Contact Acute Exposure Effects:

May cause irritation, burning sensation, redness, swelling, watering of the eyes, and/or blurred vision.

Ingestion Acute Exposure Effects:

Harmful or fatal if swallowed. Causes irritation of the stomach and intestines, resulting in nausea and vomiting. May cause burning sensation in mouth and stomach, headache, loss of appetite, weakness, muscle twitches, loss of coordination, convulsions, unconsciousness, coma, and death.

If the material enters the lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. 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. Repeated or prolonged skin contact may cause redness, irritation, and scaling of the skin. May cause skin irritation, anemia, bone marrow damage, some loss of memory, heart palpitations, liver damage, kidney damage, and jaundice.

Target Organs: lungs, central nervous system, brain, mucous membranes, skin, eyes, liver, and kidneys.

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Medical Conditions Generally Pre-existing central nervous system disease, neurological conditions, skin disorders,
Aggravated By Exposure: liver or kidney function, or chronic respiratory diseases.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
64742-49-0	Hydrotreated light naphtha	60.0 -100.0 %	NA
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	<20.0 %	NA
64742-47-8	Hydrotreated light distillate (petroleum)	5.0 -15.0 %	OA5504000
108-88-3	Toluene {Benzene, Methyl-; Toluol}	< 5.0 %	XS5250000

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 air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

Skin contact:
Wash with soap, if available, and large quantities of water for at least 15 minutes. Seek medical attention if irritation from contact persists.

Eye contact:
Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

Ingestion:
Do not induce vomiting. Call your poison control center, hospital emergency room, or physician immediately.

Signs and Symptoms Of Exposure: Primary routes of exposure:
Inhalation, ingestion, and dermal.

Note to Physician: Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flash Pt: Flammable - Level 3 Aerosol
52.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)

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

Autoignition Pt: No data.

Suitable Extinguishing Media: Use carbon dioxide, dry powder, or 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 containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards: Flashpoint of liquid: 52 degrees F
Flashpoint of propellant: -132 degrees F

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Danger! Flammable! Keep away from heat, sparks, flame and all other sources of ignition. Vapors may cause fire. Vapors may travel long distances to other areas and rooms away from work site. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition anywhere in the structure, dwelling or building during use and until all vapors are gone from work site and all areas away from the work site. Keep away from electrical outlets and switches. Beware of static electricity that may be generated by synthetic clothing and other sources.

Use non-metallic or non-sparking tools. Properly bond and ground all equipment.

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.

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

Large spills:
 Dike far ahead of spill for later disposal.

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: 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
64742-49-0	Hydrotreated light naphtha	No data.	No data.	No data.
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	No data.	No data.	No data.
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m3	No data.
108-88-3	Toluene {Benzene, Methyl-, Toluol}	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 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 or exposure limits. 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: Chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

Protective Gloves: Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile provide protection. Glove selection should be based on

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	chemicals being used and conditions of use. Consult your glove supplier for additional information.
Other Protective Clothing:	Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. 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.
Work/Hygienic/Maintenance Practices:	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[X] Gas [X] Liquid [] Solid
Appearance and Odor:	Free and clear, water white
Melting Point:	No data.
Boiling Point:	190.00 F
Autoignition Pt:	No data.
Flash Pt:	52.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	0.75
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	> 1
Evaporation Rate:	No data.
Solubility in Water:	Insoluble
Percent Volatile:	100.0 % by weight.

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Incompatible with strong oxidizing 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: Product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

CAS# 108-88-3:

Carcinogenicity/Other Information:

Reproductive Effects:, TClO, Inhalation, Rat, 800.0 MG/M3, 6 H, female 14-20 day(s) after conception.

Result:

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Effects on Newborn: Behavioral.

- Brazilian Journal of Medical and Biological Research., Vol/p/yr: 23,533, 1990

Standard Draize Test, Eyes, Species: Rabbit, 2.000 MG, 24 H, Severe.

Result:

Effects on Embryo or Fetus: Other effects to embryo.

Specific Developmental Abnormalities: Eye, ear.

- Prehled Prumyslove Toxikologie, Marhold, J., Organicke Latky, Prague Czechoslovakia, Vol/p/yr: -,29, 1986

IARC 3: Not Classifiable as to Carcinogenicity in Humans.

ACGIH A4 - Not Classifiable as a Human Carcinogen.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-49-0	Hydrotreated light naphtha	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.
64742-47-8	Hydrotreated light distillate (petroleum)	n.a.	n.a.	A4	n.a.
108-88-3	Toluene {Benzene, Methyl-; Toluol}	n.a.	3	A4	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: Product has not been tested as a whole.

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 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.

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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)
64742-49-0	Hydrotreated light naphtha	No	No	No
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	No	No	No
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
108-88-3	Toluene {Benzene, Methyl-; Toluol}	No	Yes 1000 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
64742-49-0	Hydrotreated light naphtha	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
64742-47-8	Hydrotreated light distillate (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
108-88-3	Toluene {Benzene, Methyl-; Toluol}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes

Regulatory Information:

16. OTHER INFORMATION

Revision Date: 04/17/2015
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.