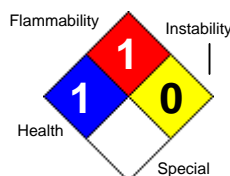


MATERIAL SAFETY DATA SHEET

KLEAN STRIP MULTI-SURFACE CLEANER

AEROSOL

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZ.	0
PPE	B



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Supersedes Revision: 10/23/2000

1. Product and Company Identification

Product Code: EKSC84010
Product Name: KLEAN STRIP MULTI-SURFACE CLEANER AEROSOL
Reference #: A1333.1
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TWA	Other Limits
1. Liquified petroleum gas, sweetened	68476-86-8	5.0 -10.0 %			
2. Isopropyl alcohol	67-63-0	1.0 -5.0 %	400 ppm	200 ppm	
3. Ethanol, 2-Butoxy-	111-76-2	1.0 -5.0 %	50 ppm	20 ppm	
4. Propylene glycol methyl ether acetate	108-65-6	1.0 -5.0 %			
5. Ethylene glycol monobutyl ether acetate	112-07-2	1.0 -5.0 %		20 ppm	
Hazardous Components (Chemical Name)	CAS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. Liquified petroleum gas, sweetened	68476-86-8				
2. Isopropyl alcohol	67-63-0			400 ppm	
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3. Hazards Identification

Emergency Overview

Contents under pressure. Do not puncture, incinerate or store above 120 degrees F. Exposure to heat or prolonged exposure to sun may cause bursting.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Health Hazards (Acute and Chronic)

Inhalation Acute Exposure Effects:

May cause dizziness; headache; irritation of the respiratory tract; irritation and injuries to mucous membranes; weakness; drowsiness; nausea; depression of the central nervous system; anesthesia; nasal discomfort and discharge; chest pain and coughing; vomiting; narcosis; liver and kidney injury; blood disorders; and nose tumors. May cause central nervous system effects similar to those listed under ingestion. This product is a simple asphyxiant.

Skin Contact Acute Exposure Effects:

Harmful if absorbed through skin. May cause irritation; itching; defatting of skin; redness; swelling; tissue damage; inflammation; and discomfort or pain. Massive skin contact may cause poisoning. May be absorbed readily to produce symptoms listed under ingestion. Prolonged or widespread contact may result in absorption of potentially harmful amounts of this material.

Eye Contact Acute Exposure Effects:

This material is an eye irritant. Exposure to liquid, vapor, fumes, or mist may cause irritation; redness and swelling of the conjunctiva; excess blinking and tear production; pain; corneal inflammation and corneal damage.

Ingestion Acute Exposure Effects:

May cause dizziness; headache; nausea; weakness; loss of coordination; vomiting; diarrhea; changes in white blood cells; drowsiness; excitement; euphoria; blurred vision; fatigue; tremors; respiratory arrest; harmful central nervous system effects which may be delayed; convulsions; unconsciousness; coma and death. Severe acute intoxication may cause hypoglycemia; hypothermia and extensor rigidity. Ingestion of significant quantities may result in red blood cell hemolysis. Liquid aspirated into lungs can cause chemical pneumonitis, which can be fatal.

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Chronic Exposure Effects:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. May cause liver damage; kidney damage; blood disorders; eye irritation; brain damage; gastrointestinal irritation; and heart muscle damage. Prolonged skin contact may cause irritation; redness; swelling; inflammation; itching; possible secondary infection; defatting; drying and cracking of skin and possible tissue destruction.

Signs and Symptoms Of Exposure

Primary Route of Exposure:

Inhalation, ingestion, and dermal.

Medical Conditions Generally Aggravated By Exposure

Diseases of the skin; liver; respiratory system and adverse effects in the reproductive system.

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 and water. If irritation persists, seek medical assistance.

Eye Contact:

Flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

Ingestion:

Call your poison control center, hospital emergency room, or physician immediately for instructions.

Note to Physician

Call your local poison control center for further information.

5. Fire Fighting Measures

Flammability Classification:

Non-Flammable Aerosol

Flash Pt:

Explosive Limits:

LEL: 1.1

UEL:

Special Fire Fighting Procedures

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.

Unusual Fire and Explosion Hazards

Extinguishing Media

Use carbon dioxide, dry powder, or foam.

Unsuitable Extinguishing Media

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Clean-up:

Keep unnecessary people away. Isolate hazard and deny entry until all gas has dispersed. Stop leak if you can do it without risk. Stay upwind, out of low areas and ventilate closed areas before entering. Keep flares, smoking or flames out of the hazard area. Use water spray to reduce vapors. For the liquid portion of the spill, take up liquid with sand, earth or other non-combustible absorbent material and place in a plastic container where applicable. Do not touch or walk through spilled material.

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 as Level 1 Aerosol (NFPA 30B).

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

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8. Exposure Controls/Personal Protection

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, chemical 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.

Ventilation

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.

9. Physical and Chemical Properties

Physical States: Gas Liquid Solid
Flash Pt: Method:
Explosive Limits: LEL: 1.1 UEL:
Specific Gravity: 0.9916
Bulk Density: 8.263 LB/GA
Percent Volatile: 99.67 %
VOC / Volume: 12.0000
pH: 9.85 - 10.85

Appearance and Odor

10. Stability and Reactivity

Stability: Unstable Stable

Conditions To Avoid - Instability

Incompatibility - Materials To Avoid

Incompatible with strong oxidizing agents; strong caustics; strong acids; strong bases; mineral acids and alkali.

Hazardous Decomposition Or Byproducts

Decomposition may produce carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will occur Will not occur

Conditions To Avoid - Hazardous Polymerization

11. Toxicological Information

Toxicological Information

Carcinogenicity/Other Information

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

Ecological Information

13. Disposal Considerations

Waste Disposal Method

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

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14. Transport Information

LAND TRANSPORT (US DOT)
DOT Proper Shipping Name

No data available.

15. Regulatory Information

16. Other Information

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.